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MR. N. D. C. HODGES, the editor of *Science*, has made some very curious and interesting observations on the effects of lightning, which he proposes to utilize for his own benefit, as well as that of the public. Happening to interest himself in the study of lightning conductors, he was impressed, like most others who have examined the subject, with the uncertainty of their effect. It would seem, on the ordinary theory, that an iron rod, with the point in the air, and the lower end attached to a good earth connection, would conduct atmospheric electricity harmlessly into the ground, but the fact remains that it does not always do so. We know much more about electricity now than we did ten years ago, and Mr. Hodges happened one day to take up a book by Mr. Silvanus P. Thompson, in which a theory was given to explain the enormously high potential shown in the lightning discharge. The theory was that, so long as the electricity of the cloud was distributed over the particles of a mass of fine mist, it would remain at a given tension, depending on the capacity of the particles and other circumstances; but when the mist-particles began to coalesce into rain-drops, their surface being reduced, while their bulk remained the same, there would be a decrease in the electrical capacity of the water in its new form, and, the charge remaining the same, an increase in the potential. This observation suggested to Mr. Hodges the idea that, if the theory were well founded, the converse ought to be true; that if the lightning discharge were received on some large body, which should then be broken up into fine particles of vapor, these, having larger electrical capacity than the solid from which they were formed, would act to reduce the potential of the charge which they carried, and the effect of the lightning would be mitigated.

IN reading the published accounts of the effects of lightning, he found much to confirm this new idea. There were many instances where, for example, lightning, striking the bells in the upper part of a church tower, had run down the wire connecting them with the clock movement in the lower portion, and in each case, while the lightning had shattered the tower above the bells and below the pendulum of the clock, or other termination of the wire, the portion of the building between the two ends of the wire was unharmed, although the wire itself was dissipated into vapor by the discharge. A still more curious case, of a similar kind, was described in the books, which still further confirmed his theory. A palace in France was struck by lightning, and was visited the next day by a Fellow of the Royal Society. The principal rooms, in which a considerable company was assembled at the time of the storm, were heavily gilded, and the furniture was also gilded, and was set in contact with a gilded strip on the walls. The gilding in the rooms had disappeared. It was dissipated by the lightning, but no one in the rooms was injured, nor was any damage done except the removal of the gilding. In the lower part of the house, where there was no gilding, there was a good deal of destruction. Acting on these suggestions, Mr. Hodges has patented a lightning-rod, consisting of a thin strip of copper, to be attached to the house in such a way that the discharge will follow it from the roof to the ground, but of such feeble dimensions that it will be dissipated into vapor, the destruction of this absorbing the energy of the lightning, so as to save everything else about it. It is obvious that a lightning-rod of this sort must be renewed as fast as it is destroyed, and, after the house had been struck once, and its protector dissipated, it would be a rather uncomfortable task to put up a new one while the storm still raged; but this difficulty might, perhaps, be obviated by having two or three strips on the house. If the most exposed of these should be destroyed, the others would still remain, and would probably give ample protection until the return of fair weather gave an opportunity for restoring the full number. As Mr. Hodges's conductors, ready to put up, only cost five dollars apiece, the experiment would not be a very costly one. In a discussion on the subject at a meeting of the American Institute of Electrical Engineers in New York, the interesting suggestion was made, by Mr. Charles Steinmetz, that the reduction of the capacity of the conductor would materially alter the character of the discharge, even if it were not dissipated. If a condenser, or an electrified cloud, is discharged by means of a conductor of large capacity, and, in consequence, of low resistance, the discharge takes place by oscillations, following each other with immense rapidity. As the capacity of the conductor is reduced, the resistance increases and the rapidity of the oscillations diminishes, until, by further reducing the size of the conductor, the resistance may be brought to such a point that there will be no oscillation, but the electricity will traverse the rod only once, moving steadily down to the ground.. It would seem that the resistance of the small conductor would incline the current to leave it and jump to a better one; but Mr. Steinmetz said that, on the contrary, the free and rapid oscillation of the discharge in a large conductor produced violent induced currents, which not only caused dangerous secondary discharges, but obstructed the main current, disposing it to jump from the conductor to metal masses of greater condensing capacity. It is well-known that much destruction is caused by disturbances which seem to occur simultaneously with the passage of the main current of lightning, but at various distances around it, and these are frequently attributed to "secondary discharges," or "return strokes"; but Mr. Steinmetz's explanation is new to us, and if, as he thinks, a small conductor of considerable resistance carries away the discharge more quietly and safely than a larger one of low resistance, the science of protection from lightning owes a considerable debt to him, as well as to Mr. Hodges, for these observations.

THE City of Boston has set an excellent example to other municipalities in establishing an ordinance that henceforth all new streets shall be laid out, regardless of property lines in accordance with a plan to be established by a permanent Board of Survey. Ample opportunity is given to the owners of land, and other persons interested, to make suggestions, and present all the considerations which may seem to them important, but, in the end, the Board of Survey fixes all the street lines and grades, to which owners wishing to improve their property must conform, if they desire the streets they may build to be accepted by the city, or in accordance with which the authorities themselves are empowered to construct the streets, at the request of a certain proportion of the owners of land affected, and assess the cost upon all the property benefited. New York has had for many years a somewhat similar regulation, under which land-owners wishing to lay out streets must submit their plans to the city authorities for approval, if they wish their streets to be accepted later; but the Boston ordinance is

far more thorough, and will result in correspondingly greater benefit to the city and the property-owners. It must be confessed that no town, in this country, at least, needs such a regulation more. Not only were the earlier streets, according to the tradition, laid out in conformity with the paths made through the pastures by the cattle of the early settlers, but, when land came to be subdivided, and more streets began to be desirable, each property-owner was allowed, or rather compelled, as the municipality took no interest in the matter, to lay out streets for himself. Naturally, he could only build streets as far as his land extended, and as his neighbor usually had quite a different idea of the proper way of planning avenues, which he put into practice when it suited him, if, indeed, it ever suited him to make any streets at all, the consequence was that the town grew up around tortuous passageways, varying in width at discretion, and either terminating nowhere, like the present Columbus Avenue, which, after a spacious and stately course of a mile and a half, comes to a violent end just as it begins to think of joining Tremont Street, or returning to the same street that they started from, as in the case of those amazing little burrows between Washington and Tremont Streets, on which some of the best hotels in the city face. In the portion of the town reclaimed by the State, or by powerful corporations, from the sea, the field was, of course, clear, and an excellent plan was carried out, and in the most closely settled portion the vagaries of rustic ignorance and neighborly churlishness have been partially corrected, by the expenditure of many millions in widening and extensions; but in the suburban districts the old system is in full career. In the quarter of Brighton, for example, out of about a hundred streets, forty-two are shown on the maps as ending abruptly in vacancy, while many more form three sides of a parallelogram, returning to the same street from which they started; and in the adjoining town of Newton, which is very intimately connected with the metropolitan district, and has about four hundred streets, one hundred and forty-one, according to the map, end nowhere, if, indeed, they do not lead into ponds or the neighboring river. The injury done by this system of universal liberty in laying out the territory of what is soon to become a closely built city is incalculable. The money spent by the City of Boston already, in widening and extending streets, must amount to many times the valuation of the whole town, streets, houses and all, at the time the streets so dealt with were laid out, and, although its prudent inspiration is a little belated, it is to be congratulated on having provided against similar waste of public funds for the future, at least in the territory which will come under the supervision of the Board of Survey.

THROUGH the kindness of the Census officials, we have been placed in possession of advance proofs of the special report on the statistics of lumber manufacturing and timber products in the United States, which is of very great interest. Unfortunately, the Federal Government possesses no data whatever, or even approximate estimates, to show the area of timber-lands owned by it in Michigan, Wisconsin and Minnesota, so that it is impracticable to make the most important calculation of all, that of the period which will elapse before the standing timber in these States will, at the present rate of consumption, be exhausted. The amount of timber territory and standing timber owned by individual manufacturers is accurately ascertained, and it is shown that this supply will be exhausted, at the present rate, in five years. When this is gone, the only reserve in these States, which furnish nearly all the pine lumber used in the country, is to be found in the public lands owned by the State and Federal Governments. In regard to the Federal timber lands, as we have before said, there are no statistics whatever. Of State lands there are tolerably accurate statistics. Minnesota, which is the only State which owns any considerable quantity of pine land, is said to hold thirteen million acres, containing twenty thousand million feet of standing timber, or enough to supply the sawmills of the State, at their present rate of consumption, for about eighteen years. In Michigan, the amount of timber on land owned by the State is so small as not to be worth considering; and in Wisconsin there is only enough standing timber on State land to supply the local mills for about three months. This is sufficiently alarming, but there is some satisfaction in learning that more care is beginning to be taken of the wood which still remains. After forest fires, for instance, men are sent immediately into the burned district, to cut down the charred trunks. If these can be secured, and brought to the saw-mills, before they are attacked by worms, they can be sold for about half the price they would bring if in a good condition. Contrary to the ordinary impression, the loss by fires in the pine forests is not very considerable, the average annual loss being only less than five per cent of the usual quantity cut; but the conflagrations cause great destruction in the hard-wood growth which succeeds the pine, and which has now become an important part of the timber resources of the three States in question.

THE manufacture of aluminium is now going on in Germany on a very large scale, the principal establishment, that of the Neuhausen Company, much surpassing in capacity any one of the sort in America or England. This factory uses water-power, from the neighboring fall of the Rhine at Schaffhausen. A canal from the main fall brings to the door four thousand horse-power, but of this only fifteen hundred horse-power is as yet utilized. According to the *Deutsche Bauzeitung*, the first piece of metallic aluminium ever obtained was produced by a wet chemical process by Wöhler, who, in 1845, succeeded in extracting a small globule of the metal from its compounds. Later, Deville, with the help of almost unlimited aid from the French Government, repeated Wöhler's experiments, and obtained a considerable mass of aluminium, the cost of which was more than a thousand dollars a pound. The first use to which the new metal was put was the manufacture of a rattle for the baby Prince Imperial. Deville rapidly improved his processes, and reduced the cost of the product to about twenty-five dollars a pound, which, as aluminium is only one-fourth as heavy as silver, made it, bulk for bulk, less costly than silver, in the proportion of about thirty-seven to one hundred. The invention of the dynamo-electric machine gave a great impetus to the manufacture of the new metal, which, with the immense electrolytic or heating power, according to the process used, now at command, was soon produced at a cost of less than a dollar a pound. As we have already mentioned, aluminium has almost entirely replaced silver in the silver-leaf manufactories of Nuremberg, and is employed instead of silver for jewelry and plate, while it is now coming into use for purposes to which silver is not adapted, such as door and window furniture and small builders' hardware, and in the present Electrical Exhibition, at Frankfort, is a display of aluminium goods, which includes, besides these, cuirasses, helmets and armor of the light, but hard and tough metal. Combined with copper, as aluminium bronze, it forms the strongest metal known, far exceeding in tensile resistance steel, phosphor-bronze and delta-metal, while it is hardly subject to corrosion. It appears that the pure metal has also a special value for its beautiful sonorous quality. Bells and organ-pipes of it surpass all others, even those of silver, in the sweetness of their tone. Whether piano and violin strings of it, or of its alloys, have any advantage over those of steel, we are not informed, but it seems as if a thorough investigation into the musical capacities of pure and alloyed aluminium might be interesting and valuable.

AN important architectural discovery has been made in Italy. In excavating near Gerace, in Calabria, on the spot where the ancient Greek city of Locri was situated, the remains of a temple were discovered. The lower part of the west front was found well preserved, with the steps approaching it, and a portion of the long sides. The bases of the columns, with other fragments, showed that the temple was peripteral, hexastyle, the long sides having seventeen columns. Portions of one capital were found in pieces, which, when put together formed a simple, but beautiful Ionic volute, with a six-petalled flower in the "eye," showing, with the fluting and the proportion of the columns, and the form of the base, that the exterior colonnade was of the Ionic order. Besides the architectural fragments, which were in tufa, portions of the pediment sculptures, in Parian marble, were found. In searching for remains of the eastern portion, and of the cella, a part of the foundation of an earlier temple was discovered, somewhat smaller than the subsequent one, but occupying the same site, with, however, the axis forming an angle with that of the later one of about ten degrees. A few bits of terra-cotta were found with the stones of the more ancient building, which indicate that there was a difference in date between the two of about two hundred years.

SPANISH ARCHITECTURE.[1]— V.

THE RENAISSANCE.

THE Exchange of Saragossa furnishes one of the best types of the earliest Renaissance structures in Spain, although certain traces of the Plateresque can be detected in it. The exterior is sober and imposing, like that of the Florentine palaces; the grand rectangular hall in the interior is covered with vaults on a square plan, having *lierne* and *tierceron* ribs and richly-ornamented keys. They are borne on cylindrical columns with Ionic capitals decorated with astragal mouldings; ornamented bands encircle the shafts a third of the distance from the floor, and at the springing of the vaults there is a sort of frieze composed of shields held up by genii. In this way, the interpenetration of the ribs is concealed, and a crowning for the column is secured analogous to the thick trapezoidal abacus of Byzantine art, to the Gothic abacus and, in Arabian architecture, to the broadening out at the springing of the arch, due to its peculiar horse-shoe shape.

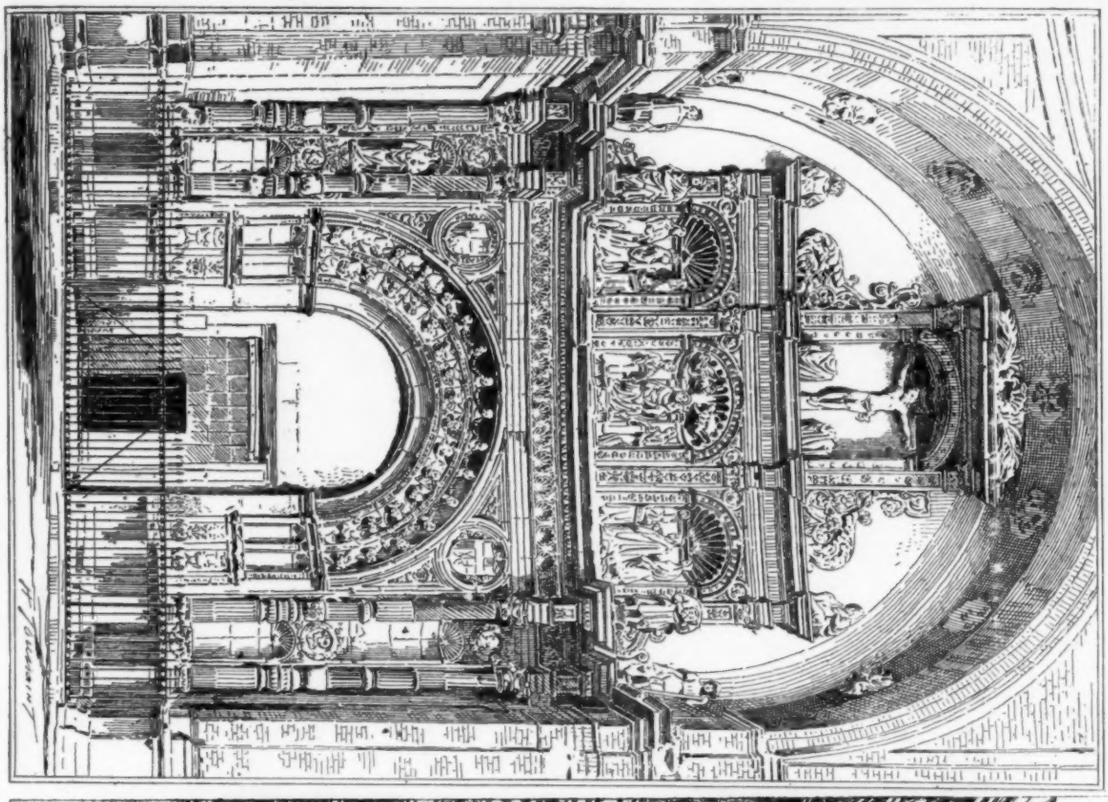


Fig. 39. Portal of the Old Convent of Santa Engracia, Saragossa.

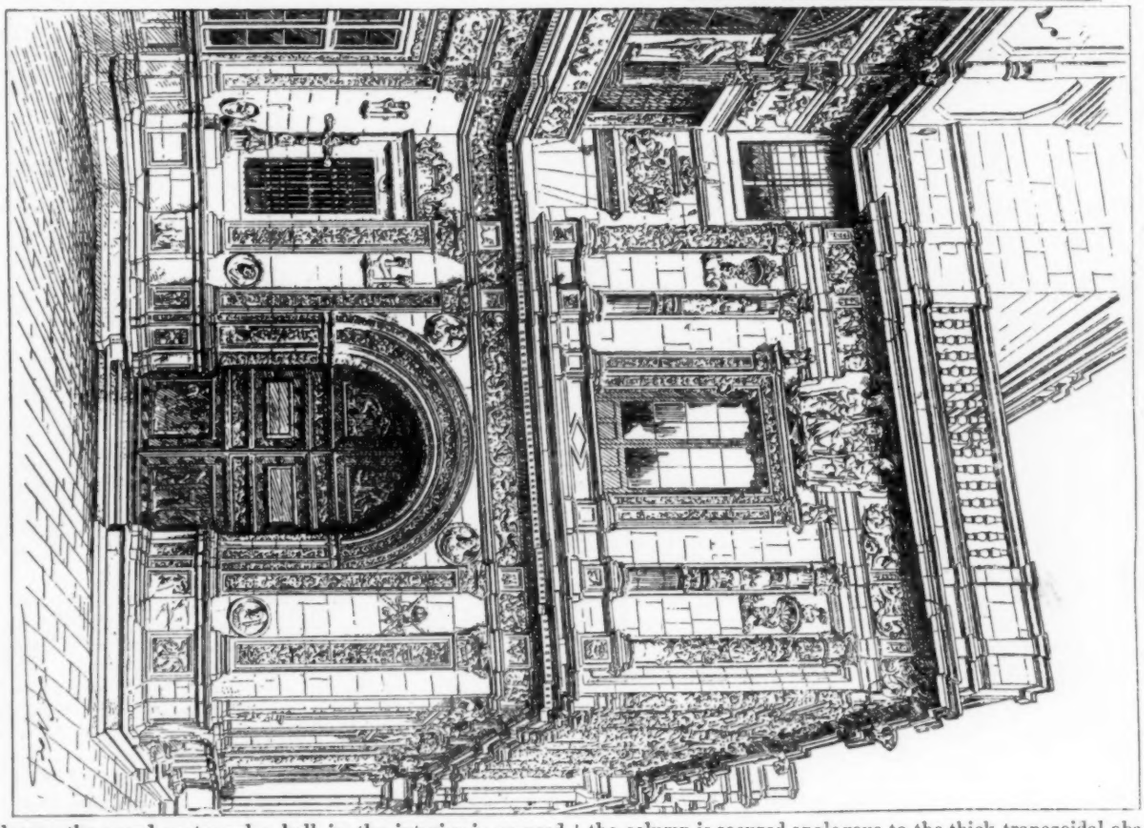


Fig. 41. Ayuntamiento of Seville.

[1] From the French of H. Saladin, in Planat's "*Encyclopédie de l'Architecture et de la Construction.*" Continued from page 178, No. 808.

The portal of the convent of Santa Engracia, at Saragossa (Figure 39), which has spindle-shaped columns similar to those of the Plateresque style, exhibits a peculiarly composite character The progress is still more clearly indicated in the edifices, and in the Ayuntamiento the Spanish tradition is scarcely traceable, except in the profusion and style of the decoration.

The façade of the Palace of Charles V at the Alhambra

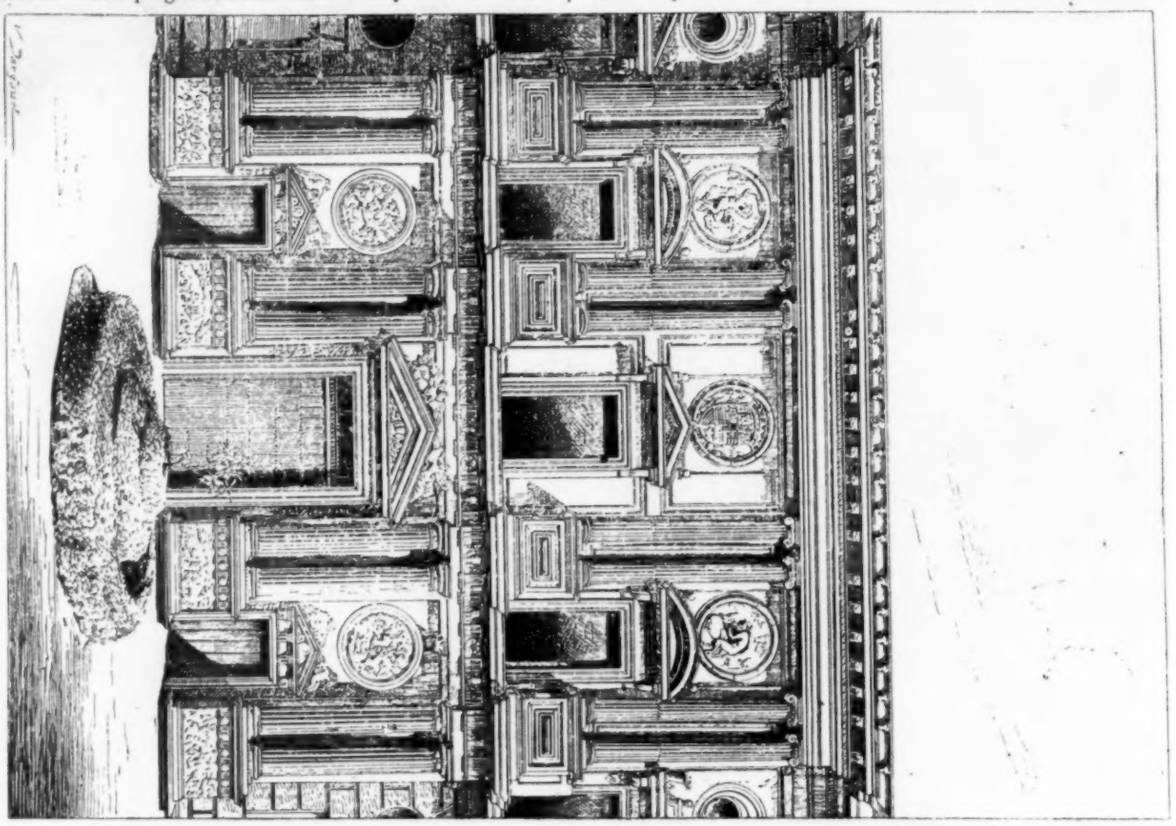


Fig. 42.—Façade of the Palace of Charles V, at the Alhambra.

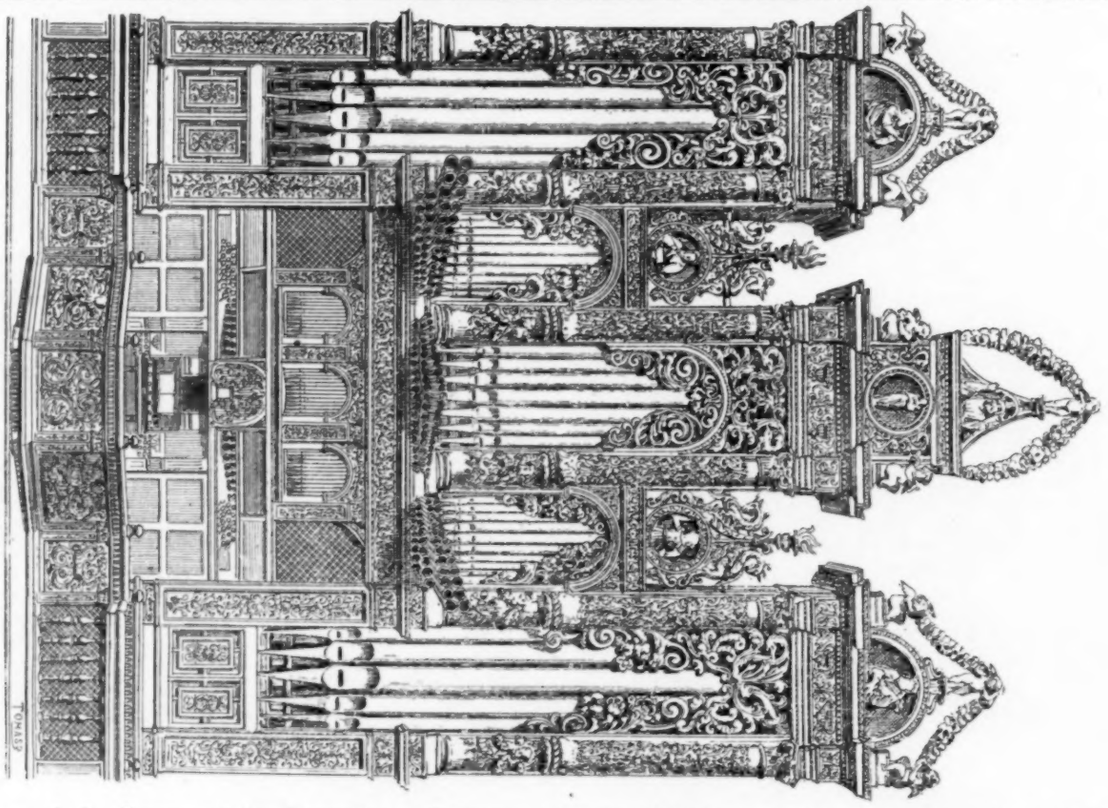


Fig. 43. Organ Case at Nuestra Señora del Pilar, Saragossa.

doorway of the Convent of San Bernardino at Salamanca, where the dispositions are already more Classic (Figure 40); and in the façade of the Ayuntamiento at Seville, with its two orders of pilasters and columns and its square windows (Figure 41). The Italian influence has full sway in both of these (Figure 42) displays only Classic elements, and may be taken as the starting point of the style inspired wholly from the antique. Every part of the structure, even to the court, which is on a circular plan, and seems to be faithfully imitated from an ancient disposition, bears evidence of the architect's

determination to keep closely to Roman prototypes and free himself from all the influences of local art.

How wide the gulf between this sought-for severity and the style of the earliest Plateresque or Renaissance productions! The organ-case in Nuestra Señora del Pilar at Saragossa (Figure 43) already exhibits a regular disposition, but what richness is displayed in the decorations of the intercolumnar spaces, and what delicacy in the foliage overspreading the columns and pilasters! However, the embellishments of certain portions of the monumental structures retain the Spanish

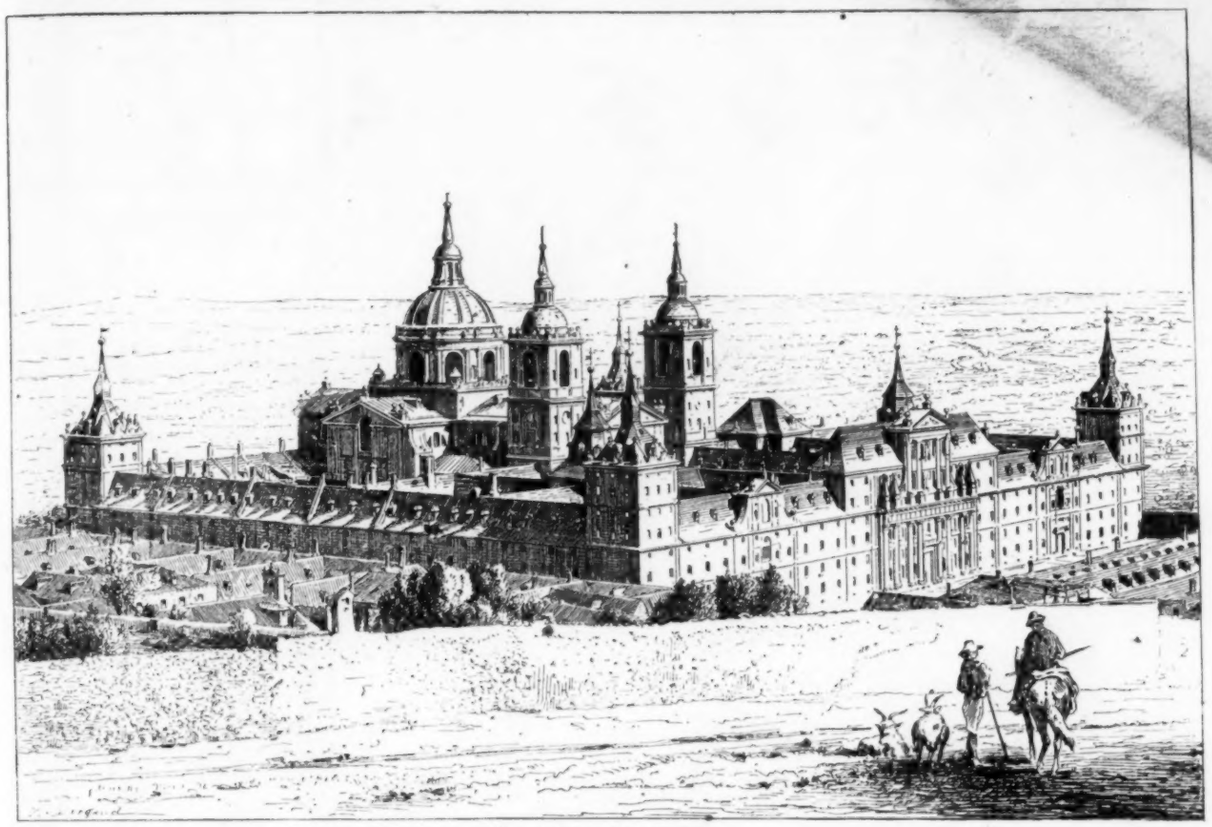


Fig. 45. View of the Escorial.

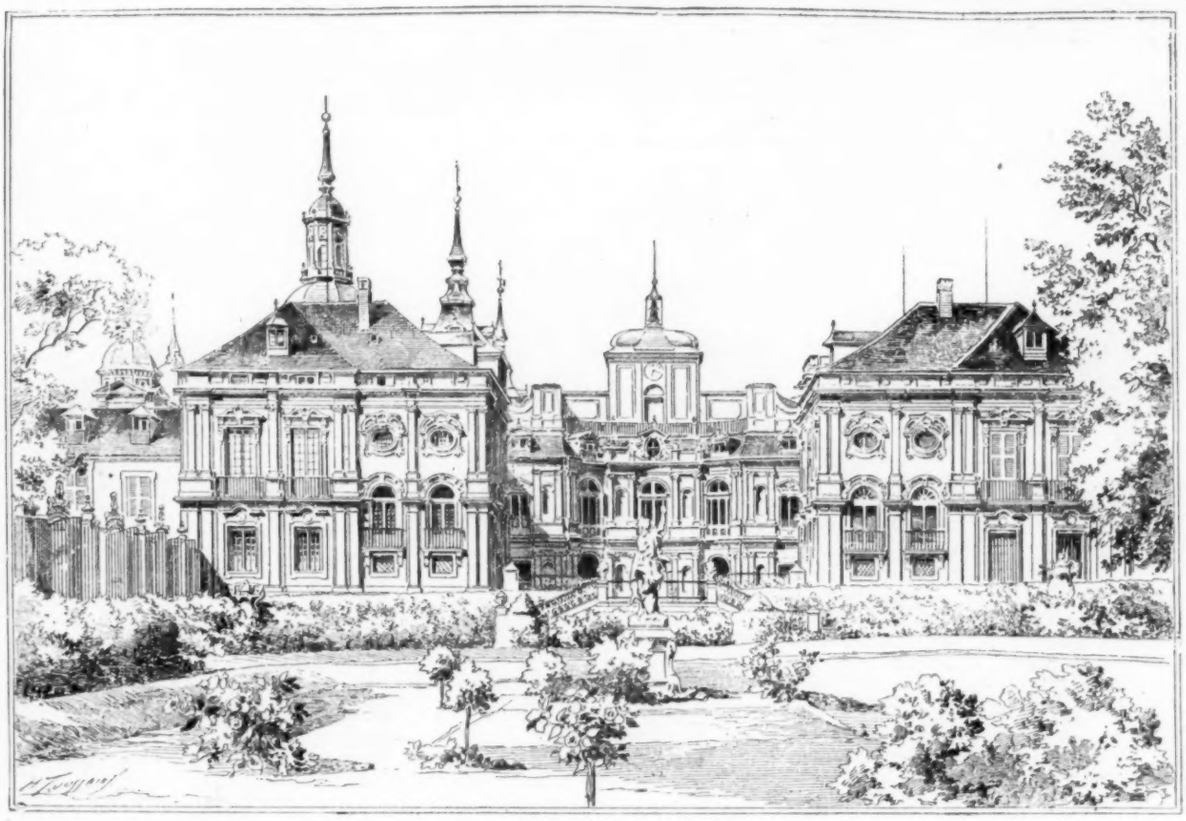


Fig. 51. Façade of the Palace of La Granja.

character of profuseness, while at the same time the forms are from Italian models. In proof of this, we refer the reader to the celebrated bronze doors of the entrance to the Cathedral of Toledo, known as the Door of the Lions (Figure 44).

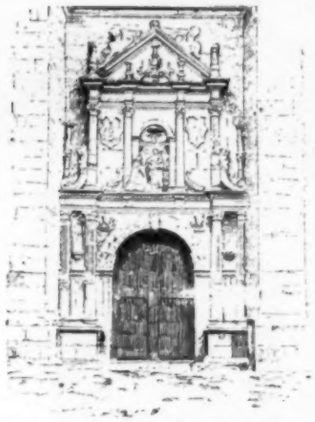


Fig. 40. Entrance of the San Bernardino Convent at Salamanca.

Fig. 44. Knocker on the Door of the Lions, Cathedral of Toledo.

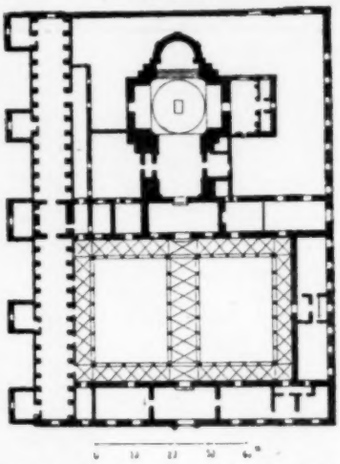


Fig. 49. Hospital of St. John the Baptist, Toledo.

Fig. 46. View of the Cathedral of Salamanca.

Fig. 48. House on the Plaza de las Bulas, Cordova.

The elegance of the *silhouettes* is still maintained, and the Escorial, notwithstanding its severe exterior disposition, outlines against the sky an imposing mass tipped with graceful spires and domes (Figure 45).

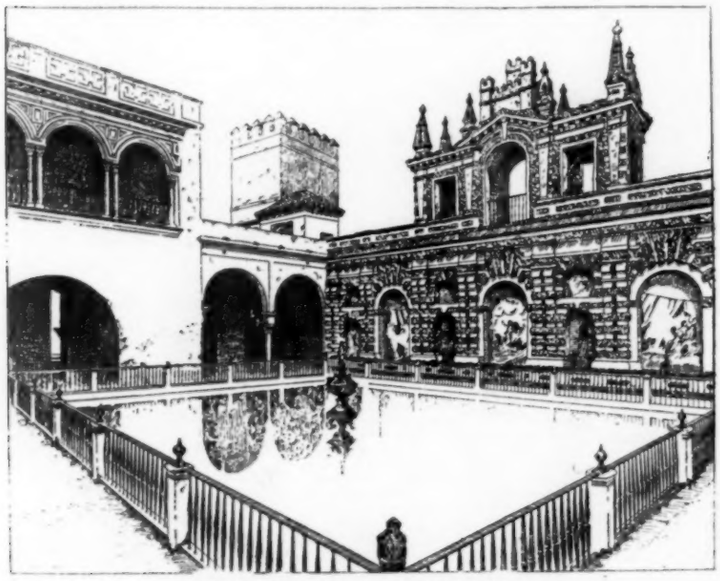


Fig. 47. Fountain at the Alcazar of Seville.

The parts of the Cathedral of Salamanca (Figure 46) which were reconstructed at the end of the fifteenth century, namely, the tower dome and that over the nave, are of delicate execution, and the first harmonizes well with the fifteenth-century pinnacles rising at the angles of the tower. The last quarter of the sixteenth century and the beginning of the seventeenth witnessed the flowering out in Spain of what has been improperly termed the Jesuit style, and the prototypes of which are to be found in the great churches of Rome; the Escorial is one of the earliest examples of the style in the peninsula. At this point Spanish architecture loses all originality, and a description of its palaces or churches would be but a repetition, in part, of the history of Italian art beginning with the seventeenth century. How closely the models were

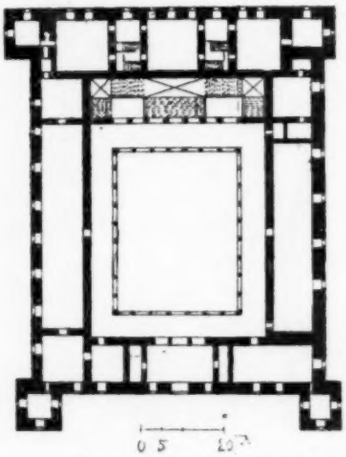


Fig. 50. Alcazar of Toledo.

followed may be seen by referring to our illustrations of the fountain of the Alcazar at Seville (Figure 47), which is Italian in conception and execution, and of a small house on the Plaza de las Bulas at Cordova (Figure 48), which is interesting for the loggia adorning the upper story.

The plan-dispositions have become more masterly and monumental; the plan of the Escorial is so familiar to every one that we omit it, giving, instead, that of the Hospital of St. John the Baptist at Toledo (Figure 49).

The severe façade of the Alcazar of Toledo (Figure 50), with numerous bays separated by broad piers, is of noble aspect. The highly ornate windows and grilles, however, give it an air of richness; Berruguete, the architect of Charles V's palace at Granada, executed an imposing tower here, resembling, with its two stages of colonnaded porticos, the tower of the Farnese palace at Rome. It is no longer the disposition of the palace of Monterey, nor yet that of the palace of the Guzmans, at Leon, the façade of which is flanked by two huge towers soberly pierced. This façade, with very simple rectangular bays on the ground-floor and windows with pediments in the story above, is crowned by a long series of arches forming loggie. It presents a true type of the Spanish palace in all its nobility and grandeur.

Hereafter architectural richness will be found expressed only in the use of gilding, marbles and faience, as, for instance, the Cathedral and Nuestra Señora del Pilar at Saragossa; and churches with square towers and domes will be seen springing up not only throughout Spain, but all over her colonies in America.

Sometimes, however, as at Seville and Saragossa, enamelled tiles will be found enlivening with their brilliant hues the monotonous outlines of the domes. We have given in the first part of this sketch, with the façade of the Cathedral of Murcia and the Puerta del Perdon at the Cathedral of Valencia, two typical examples of this architecture borrowed from Italy, an architecture in which all possible eccentricities find a place. Perhaps an exception might be made in favor of the Palace of La Granja (Figure 51), constructed by Philip V in memory of Versailles, and certain portions of which will bear comparison with the model.

We have said nothing of Spanish military architecture. Its history in the briefest outline is as follows: The earliest fortifications, like those of Segovia, Oviedo and Toledo, were in rubble-work, or were built of small, unhewn stones with thick joints of mortar; their plan comprised round towers connected by curtains.

Later, as a result of Arabian influence, skilfully constructed fortifications began to appear here and there, as well as strongholds surrounded by concentric lines of defences, such as the citadel of Coca, with complicated loop-holes and towers with channelled facings, borne on conical corbels and slightly projecting machicolations. The same features may be seen in the Alcazar of Segovia and the Castle of Olite (Navarre). The fifteenth-century forms bear the imprint of Northern architecture, which Christian Spain was then copying. Afterward, as at Burgos [Gate of Charles V], the forms became more pronouncedly heavy, and at length we find them imitated wholly from the Italian, although displaying great breadth and a wonderful majesty of *ensemble*.

H. SALADIN.

LONDON

THE NEW PRESIDENTS OF THE INSTITUTE AND THE ASSOCIATION. — TWO LAW-CASES. — DEATH OF MR. PEEBLES AND MR. VERITY. — THE CARPENTERS' LOCK-OUT. — DISPOSAL OF LONDON SEWAGE.

THE new President of the Royal Institute of British Architects is to be Mr. J. Macvicar Anderson. Mr. Anderson is a well-known and respected architect who held the position of Hon. Sec. to the R. I. B. A., for many years, and his thorough knowledge of all the details of the work of the Institute and his well-known courtesy and geniality render him a very suitable president. He has carried out a large number of works, among others, the restoration of the Church of St. Mary-le-Strand and the new drill-hall for the London Scottish Rifle Volunteers.

The Presidency of the Association narrowly escaped a contest. The Committee nominated Mr. Frank T. Baggallay, nephew of the late Lord Justice Baggallay, who has been identified with the Association for many years and who has a complete acquaintance with the new educational scheme of the A. A., which is on the point of being launched. Mr. Hugh Stannus was, however, nominated by a section of members, who professed themselves dissatisfied with the Committee nomination, and it was a matter of great uncertainty how the election would have gone. Both had a particularly distinguished student's career, having attained to the highest honors and both securing in their respective years the Ashpitel Prize. Mr. Stannus, however, at the last moment withdrew his candidateture and Mr. Baggallay was elected unanimously.

The Association have been working very hard lately in their endeavors to get their new educational scheme in order for next session. The suggested curriculum which was published last year, has been finally considered and put into a good form for working. A new paid Secretary has been appointed and new premises with the necessary class-rooms, studios, etc., have been found and are being negotiated for by the committee. Of course, so important a new development as this will entail considerable pecuniary outlay, and the Association are proposing to lay their case before the Royal Institute of British Architects, at their meeting on June 8, with a view of appealing to the whole profession to assist them in their endeavor to place the education of English architects on a firm and satisfactory basis. This is a peculiarly suitable time for the movement, because the Association is now entering upon its 50th year and the event is to be celebrated by a great dinner at the Criterion Restaurant on May 28th. It is difficult to estimate too highly the immense importance of the step the Association is taking. For fifty years it has devoted its attention to assisting young architects in their education. It was founded to supply the deficiencies of the pupil system by the mutual discussions of younger men. Gradually it has extended its scope, and new branches of work have continually been formed, but until the present year it has never wavered from the principle of unpaid mutual instruction supplementary to pupilage. Just think what an important step it is for a body including almost every young architect in the kingdom, and possessing great prestige and dignity to declare in favor of a collegiate system of instruction for architects, for that is practically what it has done and what it means to put into force directly it sees an opening. The progress of the movement will, I am sure, be watched with the greatest interest by every architect in the world.

A very curious case has recently been brought before the Court of Queen's Bench. A well-known firm of architects, Messrs. Archer & Green recently dissolved partnership and Mr. Archer deleted the usual form of superscription from the drawings of the various works carried out by the firm (including the Holborn Restaurant, the Café Royale, and the enormous blocks of flats known as Whitehall Court, and Albert Gate Mansions) and wrote instead the words "Designed by Thomas Archer, F. R. I. B. A." His late partner, Mr. Green, thereupon demanded the replacement of the name of the firm, and on Mr. Archer's refusal, brought an action against him for libel, claiming that Mr. Archer had thrown a grave implication upon Mr. Green's professional character, by inferring that he had had no part in the designing of the various buildings. The learned judge, however, decided that there was no ground of action and refused to allow the case to proceed. The matter is attracting a good deal of attention as it seems to place architects, who design buildings in consultation, in a very awkward position. Another case of equal importance but of a different character was also decided the other day. The supervising functions of the London County Council over buildings erected in the Metropolis are entrusted to a number of officials in different parts of London whose duty it is to see that the Building Acts are properly carried out. These officials are paid by fees on the building, regulated by the nature of the work, but not taking into account the size of the building. It has, however, been held until quite recently that the enormous blocks of flats now being erected all over London, are not to be considered as one, but as many buildings, each flat forming a separate building in the wording of the Act, and therefore requiring a separate fee. Lately, however, a sharp builder in Kensington perceived what he thought to be a flaw in the Act and refused to pay the usual fee, calculated on the number of lettings demanded in the usual course by Mr. Alfred Williams, the District Surveyor of Kensington. He was summoned before the magistrate and ordered to pay, but asked for an appeal. The magistrate decided that there was no case for an appeal and declined to grant one. The builder then obtained a mandamus from the High Courts, compelling him to grant the appeal. He then appealed to the High Court, who decided in his favor. The result of this decision will be that a District Surveyor will have to supervise the erection of a block of flats taking possibly many years to build, for the sum of ten pounds, which is absurdly inadequate. The matter is so important and involves so much, that the District Surveyors' Association, have called a special meeting to consider the question and decide what action to take.

The ravages of influenza have carried off several of our prominent architects. Among others, I regret to have to report the death of Mr. Alexander Peebles, F. R. I. B. A., architect to the Corporation of the City of London, and Mr. Thomas Verity, architect to the Lord Chamberlain and who is well-known from his wonderfully skilful method of planning. He was a premiated competitor in the

great competition for the Admiralty and War Offices, and carried out Nottingham Municipal Buildings, the new pavilion on Lord's Cricket Grounds and a large number of theatres including the Criterion and the Empire.

The House of Commons has rejected a proposal of the London Tramway Company to carry their tram-lines across Westminster Bridge and along the Thames Embankment to Charing Cross. The proposition certainly deserved the fate it met. It is a very noticeable fact that the presence of trams always leads to lower the character of a locality and up to the present time, they have not been allowed to cross the Thames, or encroach upon any of the main thoroughfares of London, and it is to be hoped that the legislators of the future will not be less alive to the welfare of the Metropolis, in this respect than has the present Parliament.

The Royal Institute of British Architects have increased the sum of money given with the Soane Medallion to £100, and extended the time of travel to six months. It is to be hoped that this wise course will meet with the encouraging reception it deserves.

An act that has a sound of Mediæval chivalry is always pleasant to record in these fast-living days and I feel that a recent course of action taken by the Birmingham Architectural Association deserves that title. The Corporation of Birmingham proposed to erect some new police offices on a site adjacent to the new Victoria Law Courts of Messrs. Aston Webb & Ingress Bell, and decided to inaugurate a limited competition among Birmingham architects for the work. The Birmingham Architectural Association felt that an unsympathetic building next Messrs. Webb & Bell's masterpiece, would do great harm to their work and consequently reported to the Corporation their opinion that the best course would be to give Messrs. Webb & Bell the work. As these are London men, the chivalry of the Birmingham architects deprived themselves of the chance that lay in their hands of carrying out an important piece of work.

The agitation in the labor world has at last reached the building trades, and it is to be feared that we are on the eve of a very severe struggle between masters and men, which must inevitably paralyze the progress of building works, just at the very time when every one is most anxious to see them progressing with rapidity. The struggle began with the carpenters and joiners who agitated for a forty-seven hours' working-week and an increase to 10*d.* an hour in pay. The first step after the delivery of the formal demand was a determination to strike on certain specified firms and on Saturday, May 2, about 2,000 men in the employ of Messrs. Mowlem, Messrs. Patman & Fotheringham and Messrs. Simpson, came out on strike. These firms were unable to obtain new hands, and consequently the Association of Master Builders met together and signified their intention, if the firms named did not obtain a sufficient supply of men before May 23, of immediately closing all their shops and "locking-out" all carpenters and joiners. The three firms were unable to get men and consequently the "lock-out" has been carried into effect. Of course, the progress of building operations is dependent upon the continuance in work of any particular trade and unless an arrangement can be arrived at, which seems far from hopeful in the determined demeanor of the combatants, our buildings must stop and architects given an unasked-for holiday.

In last month's letter, I dealt with the question of the collection of London sewage, reserving the more difficult problem of its disposal to be considered in this letter.

For many years it has been a fond illusion that substantial profit could be realized out of the sale of town sewage, but the experience of the Metropolitan Board of Works has dispelled any such idea in the minds of practical men. In the year 1860, soon after the beginning of the main-drainage works, tenders were invited from persons willing to undertake the disposal of the sewage. The consideration of these tenders was interrupted by a select committee appointed by the House of Commons to consider the question. No very definite decision was arrived at by this committee, but in 1863 another committee was appointed, who reported that it was not only possible to utilize town sewage by conveying it in a liquid state to the country, but that such an undertaking might result in pecuniary benefit to the rate-payers.

In 1865, when the new sewage outfalls came into operation, an agreement was entered into with some persons to take the sewage at Barking, where the northern outfall sewers terminated, and to convey it, or such portions of it as were not previously supplied to agriculturists, through culverts to the Foulness Sands, near the mouth of the Thames, where it was to be applied to the fertilization of land to be reclaimed from the estuary. The expectations of success were very sanguine, and the agreement contemplated a division of profit up to as much as twenty per cent per annum upon the proposed capital of two millions sterling. A sum of £25,000 was deposited with the Board to ensure the work being carried out within a specified time, and a contract was entered into and the works commenced. After a time, however, the prospects of the adventure appeared less encouraging, and the undertaking languished, the works were suspended and eventually abandoned, the £25,000 being confiscated by the Board. This is the only money that the rate-payers of London have ever received in respect of their sewage, which was once considered of so much pecuniary value.

This great *fiasco* was not by any means the final effort, and very many propositions were made by the Metropolitan Board of Works, who were most ready to give every facility for a practical trial of any scheme that seemed to contain any element of possible success. The final result of even the most promising of those experiments has been to show that, although in more suitable localities and with much smaller quantities of sewage, it might be possible to effect a satisfactory application of the process, there was not the least hope of successfully applying it to the sewage of London.

Whilst all these inquiries, investigations and experiments had been going on, the sewage was flowing into the Thames from the two outlets at Barking and Crossness, and a few years after the completion of the main drainage complaints began to be made of the pollution of the Thames in the neighborhood of the outfalls, and of the formation of shoals by the deposit of sewage. These complaints culminated, in 1882, with a representation by the City Corporation to the Secretary of State, with the result that a royal commission was appointed "to inquire into and report upon the system under which sewage is discharged into the Thames by the Metropolitan Board of Works; whether any evil effects result therefrom, and, in that case, what measures can be applied for remedying or preventing the same." The inquiry extended over two years, and in 1884 the Comsioners reported:

"That the London sewage ought not to be discharged in its crude state into any part of the Thames.

"That the solid matter in the sewage should be separated from the liquid by some process of deposition or precipitation, and should be applied to the raising of low-lying lands, or burnt, or dug into land, or carried away to sea.

"That the liquid portion of the sewage remaining after precipitation might, as a temporary measure, be then allowed to pass into the river."

The Board of Works thereupon proceeded to institute a series of careful experiments, which showed that the separation of the matter held in suspension might be satisfactorily effected by means of a treatment with lime and proto-sulphate of iron. The effluent water remaining after precipitation is subsequently treated in the warm weather with permanganate of soda and sulphuric acid. Immediately the success of the experiments justified it, very large precipitation-works were ordered to be erected at the outfalls at a cost of over £650,000. The works comprised additions and repairs to the existing reservoirs, the construction of sludge-settling and precipitation-channels and sewer-outlets, and a large number of buildings, all covering about twenty acres. It is estimated that the works, with all the machinery and equipments, will have cost, when completed, not far from £1,000,000.

The question of the disposal of the sludge resulting from the precipitation of the sewage was an important one. The Royal Commissioners suggested that the sludge should be applied to the raising of low-lying lands, or that it should be burned or dug into the land or carried away to sea. The Board, after careful consideration, came to the conclusion that the only practicable course was to get rid of it altogether by carrying it out to sea and there depositing it. For this purpose, two ships were specially constructed for the purpose of carrying the sludge out to sea and there discharging it.

The system, then, of the collection and disposal of the London sewage may be summed briefly up in the following manner:

It is collected by a vast system of sewers, which ultimately culminate in two great outfalls, one north and one south of the Thames, and which flow in an easterly direction to the precipitation-works at Barking and Crossness respectively. The flow of the sewage in these sewers and outfalls is made practicable and efficient by pumping-stations placed at intervals along their length.

On the arrival of the sewage at the precipitation-works, it is first screened, by the interposition of an iron cage in which a quantity of foreign matter is collected amounting perhaps to one hundred tons per week. It then passes into the precipitation-channels, and is precipitated; the effluent water — deodorized in summer — flowing out into the river on the ebbing tide. The sludge is then pumped from the settling-tanks into the sludge ships, which carry it out to sea and discharge it in a solitary channel between two sands.

This, then, is the drainage-system of London and it would be a misnomer to call it a thoroughly good and economical system. On the face of it, it has many faults and it is challenged by many of the most eminent and scientific authorities of the day as being at once cumbrous, extravagant and inefficient. Sir Robert Rawlinson, the eminent engineer, and Sir Henry Roscoe, the famous chemist, are very severe in their criticisms. It has, however, the sanction of experience. It has been worked out step by step as circumstances seemed to require, and a strong argument in its favor is the fact that the County Council, who came into office disposed to view prejudicially the action of their predecessors, the Board of Works, have adhered to and endorsed what they at first were inclined to criticise.

"Early in the last year the Council," writes the Chairman of the Main-Drainage Committee of the Council, "moved by the discontent of members with their inheritance of this sewage system and by the adverse comments of such notable experts as Sir Robert Rawlinson and Sir Henry Roscoe, instructed Sir Benjamin Baker and their chief engineer, Mr. A. R. Binnie, to examine and report upon the whole system, and their joint production which was presented last month, conveys in complete accord the opinions of two eminent men, both new to the works and as completely competent and free from prejudice as men could be. They report that it will be useless as it is happily unnecessary, to attempt to get a chemically pure river in the lower reaches. The sludge, they say, is a black offensive fluid not injurious to the health of the men employed in its manipulation

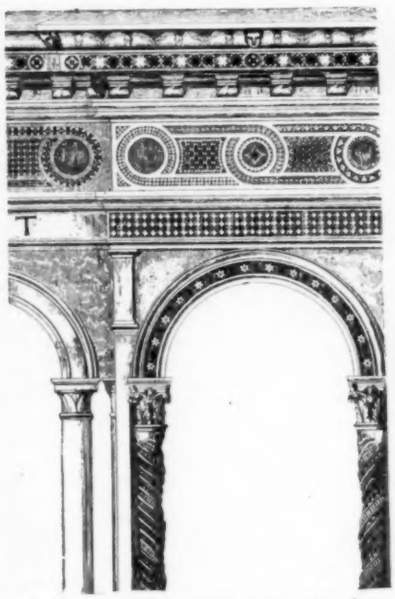
at the outfalls, or on board the sludge vessels. There is, they find, a marked improvement in the cleanliness of the foreshores near the Barking outfall, which was formerly covered with black mud but which is now returning to its original state of a gravelly foreshore with green algæ of the usual type, characteristic of the foreshore of the Thames in its cleaner parts. They have seen sufficient of the benefits already derived from the incomplete works to enable them to advise the Council without hesitation 'to continue the operations now being carried out, as a great improvement in the state of the river will assuredly result when the entire volume of the sewage flowing from both the north and south sides of the Thames is chemically treated and precipitated at Barking and Crossness.' They think it possible, as chemical knowledge advances that the effluent may be improved, and it is obvious that such improved treatment can without difficulty be applied to the existing works. They regard as 'singular,' the allegation that the process adopted is barbarous, which they believe to be a process, 'based upon modern chemical research and involving the use of chemical appliances of a novel and ingenious type.' As to cost, they have no doubt that it is the cheapest system."

This report cannot be regarded as other than highly satisfactory and it shows how a system which seems at first sight almost to challenge criticism is in reality sound and economical.

My next paper will deal with the question of water-supply.

THE ITALIAN SPECIALTIES IN DECORATION AND THE INDUSTRIAL ARTS.[1]—II.

WORKS IN WOOD, PAINTED, INLAID AND CARVED.



Cosmatesque Incrusted Work in the Cloister of St. Paul's, Rome.

AMONG the artistic industries of Italy, one of the most flourishing has been, and still is, that of the manufacture of furniture. Without wishing to go back to an extremely remote period, we ought to fix our observation upon the works in wood of the Middle Ages, and particularly on those which still ornament the celebrated Cathedral of Orvieto. These works, that is, the splendid stalls in the choir, are among the most celebrated productions of the fourteenth century in Italy.

They are due to a very flourishing school, the most flourishing in Italy, that of Siena, which gave to the Italian art of woodworking many and valorous champions; so that it may justly be affirmed that even if the arts of engraving and inlaying were generally familiar to the ancient population of Italy, nevertheless, their true cradle must be held to have been the pleasant city of Siena.

It will be useful to indicate the origin of inlaying and carving before commencing our historical flight. The origin of the art of carving wood is lost, evidently, in the darkness of antiquity. Not so, however, with inlaying, which, however, is sufficiently ancient. The *opus sectile*, or *cerostotum* of the Romans is nothing else than the inlaying, or intarsia, of the Italians of the Mediæval and Renaissance periods. As Agincourt defines it, "intarsia is a union of woods of different colors, with which, by changing the gradations skilfully, it is possible to compose a species of mosaic, representing figures, which may be classed with painting, inasmuch as it produces as many gradations as can be obtained from the palette, imitates the oppositions of chiaroscuro, indicates different planes, and renders, in a word, all effects of linear and aerial perspective." At the beginning, therefore, intarsia was an imitation of the mosaic made with stones, and, as only white and black woods were used, it was limited to representations of temples, colonnades, ornaments, and architectural forms. But when Filippo Brunelleschi, and, after him, Paolo Uccello, called the attention of artists to the study of perspective, eliminating from it many falsities, intarsia-work availed itself with great advantage of this science applied to art. Masaccio in painting, Benedetto da Maiano in intarsia, drew from the laws of perspective the most brilliant effects, using very ingenious means, and this application of perspective led to increasing splendor of color, and to a charming play of light.

The ancients knew two sorts of intarsia; the *tarsia à secco*, which consists in setting in a surface of wood fragments of other woods, or of any other materials; and the *tarsia pittorica*, invented in Tuscany, in the middle of the fourteenth century, which consists in gluing pieces of wood, colored with acids, iron compounds or other chemical agents, upon a groundwork of ordinary wood, so as to form a design. I have said that intarsia was originally an imitation of mosaic of stones. This assertion may best be proved by reference to that in the choir at Orvieto, where nearly all the motives appear to be derived from those used by the Cosmati; stars, polygons of all sorts, crosses of different bright colors on a dark ground, as the Cosmati were accustomed to compose the decorations of baldacchini, stalls and cloisters.[2]

The relationship which I have mentioned is very evident in the so-called "*Lavoro alla Certosa*," inlay work in geometrical figures, which was much in vogue in the Mediæval and Renaissance periods among the Carthusian monks, from which it takes its name; and is to this day in use in Italy, particularly in Lombardy, where may be found specialists who devote themselves to the "intarsia alla Certosa."

Let us not forget Orvieto. The first idea of the choir of Orvieto was given in 1331 by Maestro Vanni dell' Ammannato, a Sienese, who was employed upon the work until his death. He had not the satisfaction of seeing it completed, although he had worthy assistants, among whom were Giovanni Talini and Meo di Nuto, who labored with him until 1340. At the death of Vanni dell' Ammannato, the decorations of the choir were interrupted until about the middle of the fifteenth century. At the end of this long interval another Sienese was charged with the task of continuing the work. This was Domenico di Niccolò, who was succeeded by Pietro del Minella, Antonio, his brother, and Giovanni di Ludovico di Magno, all Sienese artists of great talent, who carried into various parts of Italy the honor of their local art.

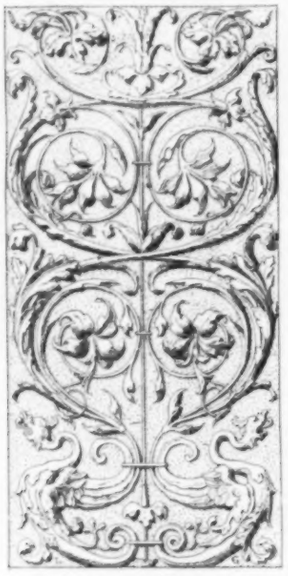
If I should write at due length about the arts of carving and inlaying in Italy, I could easily fill a volume in speaking of Siena alone. Here I must limit myself to the observation that if in Orvieto, through the work of Sienese artists, was splendidly begun the revival in Italy of the art of working in wood, at Siena, more than anywhere else, are found works, the splendor of which marks the culminating point of the revival of which I speak.

For the proof of this assertion, we must pass to the fifteenth and sixteenth centuries, which represent, according to the lovers of Classic art, the supreme development of Italian genius. We may thus say, in speaking of Siena, that the seed scattered in the Middle Ages germinated wonderfully in the fifteenth and sixteenth centuries, and in the classic soil of the Renaissance produced flowers of almost incredible beauty and abundance. From Siena the blossoming diffused itself. Florence could not rest insensible to the successes of Siena, its rival in painting for many years, and therefore Florence also, during the Renaissance period, began to distinguish itself in the art of woodworking, which, with that of working in gold, seemed to begin the training of several of its greatest architects, sculptors and painters. And how much modesty was there in those artists, who, from being inlayers or carvers, became eminent architects or sculptors or painters! In Italy, during the Mediæval period, and in the early years of the Renaissance, the most eminent architects often called themselves by the humblest titles, as "*magister lignaminis*," or "*faber lignaminis*," or "*carpentarius*," that is, "master of woodworking." Yet those who were masters of woodworking, that is, of inlaying and carving, were Donatello, Brunellesco, Desiderio da Settignano, Andrea del Verrocchio, Sansovino, Giulio Romano and Primaticcio, all eminent artists, whose works in sculpture, architecture and painting stand among the most beautiful in the history of Italian art in the fifteenth and sixteenth centuries. Among these I have not included those who made more special practice of the arts of carving and inlaying, such as da Maiano, Sangallo, Baglioni, La Cecca, Canozzi, Capodiferro, who have left monuments of inestimable value to art. Nor have I included those painters who did not disdain, as they would to-day perhaps disdain, to decorate pieces of furniture, after having painted the sweetest of Madonnas, or an altar-piece inspired with the loftiest religious sentiment. Among these painters are remembered the names of Giotto, Orcagna, Gaddi, Gozzoli, Flippino Lippi, Signorelli, Pinturicchio, and many others, among the greatest Italian painters, whose glorious place in art is known to every one. I have not placed with these Dello Delli, who at Florence, in the fifteenth century, made a specialty of painting the head-boards of beds, and "*cassoni nuziali*," or marriage chests, with amorous scenes, or pictures of dances and graceful games; and many must have been forgotten among the eminent painters of Tuscany whose palette was occasionally utilized for the benefit of works in wood. It may be said, I believe, that the history of Florentine furniture in the fifteenth and sixteenth centuries could

[1] Continued from No. 805, page 136.

[2] And who were the Cosmati? They were a family of Roman marble-workers, or artificers in marble, who gained celebrity in making pulpits of cathedrals, altar canopies, tabernacles and sepulchral monuments in the churches and basilicas of Rome and the provinces. The Cosmati ornamented pavements, walls and columns with enamels of gold, combined in a thousand fashions with red, blue, white, green and other marbles, and in this way originated a decorative style which came to be commonly called *cosmatesco*, while the work was called *opus cosmatense*, although it might be more correctly named the Romano-Byzantine style. The family of the Cosmati came into notice about the beginning of the twelfth century, and in the fourteenth century became extinct, and with it the style to which it gave its name.

not be written separately from the history of painting. At this period in Florence the cabinet-maker's shop was an appendage to the studio of the painter. The cabinet-maker constructed the body of the furniture, and the painter decorated it. This is one of the most notable characteristics of the furniture of the Italian Renaissance, which was very different from that of France and England, and specimens of this painted furniture are found in abundance in all the Italian museums, as well as in private collections.



Carved Panel from the XVI Century Pulpit at Perugia.

The reader will be kind enough to recall that I spoke particularly of the multitude of marriage-chests used in Italy during the Renaissance era. In Tuscany, no bride went to her husband's house without taking with her, by way of dowry, at least a "*cassone*," or marriage-chest, which, if not painted, was carved or inlaid; so that Italy is full of these *cassoni*, some of which, through the merit of the paintings on them, are objects of the highest interest. In wandering through the galleries, the sight of so many objects ornamented with painting makes one regret that at this day color should be so rarely used in the decoration of furniture. Yet why should it not be used? Because we are habituated to a dismal monochromism, which saddens the aspect of our cities, and diminishes the cheerfulness even of our houses. The habit of insensibility to color has taken possession of our minds through the false doctrines and misleading prejudices which have been maintained by the followers of Diderot and Blanc. It is believed that the pleasures of color are ill adapted to architecture and sculpture, because they are, or are erroneously believed to be, destructive of grandeur and simplicity. So, after denying that the architecture of Greece and Magna Græcia was painted, the next step was to say that there was no color on the sculpture of the Renaissance;[1] and, from architecture and sculpture, the theory was applied to furniture, which is to-day in Italy without color, cold, heavy and monotonous as an academic discourse.

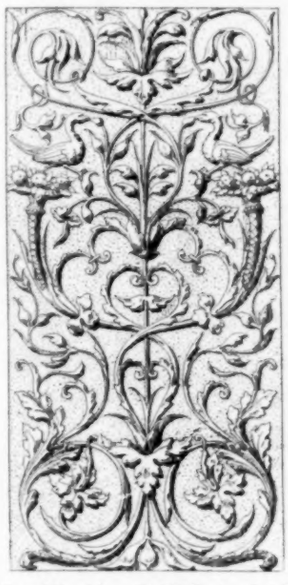
Speaking of color, I mean strictly painting applied to furniture with a brush, not inlay, even that inlay of which Agincourt said that it endeavored to rob easel-painting of its secrets of linear and aerial perspective, and which was developed later, from mere patterns and groups of geometrical forms, into complete pictorial compositions, such as landscapes, architectural interiors, and so on.

In explanation of this, I will quote from Giorgio Vasari, the author of the biographies of many Italian artists. In the introduction to his book, speaking of painting, Vasari says, "Brother Giovanni of Verona, who in these matters (intarsia) attained remarkable results, improved his works greatly by giving various colors to the wood with dye-stuffs dissolved in water, and with penetrating oils, so as to have materials of both light and dark tints of various colors, as in the art of painting; producing bright points with the very white wood of the box-tree." This Fra Giovanni of Verona, to whom Vasari gives the credit of coloring the wood for such work, flourished in the fifteenth century, and was indeed the one who derived the greatest profit from the practice of such coloring. No one, in fact, understood better than he how to represent flowers with colored woods, or to produce beautiful combinations of lines, or charming effects of light and shade; and, as the author of the decorations on the cabinets of the sacristy of Santa Maria dell' Organo, at Verona, he must have a very high place among the Italian *intarsiatori*. In observing the complexity of the backgrounds, the play of light, and the beauty of the figures, it is almost impossible to believe that the whole should have been obtained by means of bits of wood. Brother Giovanni did not devote himself exclusively to intarsia; he was also very skilful in carving. The carving of the Italian Renaissance had a very delicate and refined character. In its infinite variety of motives, it preferred foliated ornament to figures, partly, perhaps, for the reason that it is easier to carve leaves than figures, and partly because, at that period, carving was principally used in churches, where representations of nude figures are not much in favor.

Carved Panel from the XVI Century Pulpit at Perugia.

However that may be, the characteristic of Italian carving consists essentially in its foliated ornament, which is usually enclosed in symmetrical and geometrical forms, differing thus from the free and natural foliated ornament of the mediæval period in France.

The uniformity of the Italian carving upon furniture in the fifteenth and sixteenth centuries is remarkable, and the more so because a fantastic element predominates in the designs. From Venice to Florence, and from Milan to Rome, the leaf-work carved on furniture rolls itself into spirals, which terminate in buds or rosettes, or sometimes in imaginary figures, or dolphins, which, contrasting with the leaves, give movement and variety to the composition. There is, indeed, a Classic variety of ornament, inspired in composition by the Roman work, as may be readily understood by my readers, who know how great was the influence of the art of ancient Rome on Italian art in the fifteenth and sixteenth centuries. At the present day, perhaps through the effect of the sentiment of independence which is felt in all Italian life, the art of the fifteenth and sixteenth centuries, that is, of the Renaissance, has many enemies and detractors, on account of its lack of spontaneity and freedom of inspiration; but we must remember that the Classic revival of the fifteenth century sent artists to Rome in search of "treasures," like those which Donatello and Brunellesco gathered there; and at Rome, while their imagination was gratified, the artists did not perceive that their force of originality dwindled away. It is needless to say that without originality there can be no art, but only manufacture; and it is in the defence of this principle that the Renaissance is now attacked. It has already suffered at the hands of the moralists and politicians, as well as of the historians of religion; and now, in the name of art, it is the object of the onslaughts of an ever-increasing body of critics.



Carved Panel from the XVI Century Pulpit at Perugia.

The imitation of which I speak, which is extremely evident in architectural compositions, particularly in the sixteenth century, is also evident in Italian cabinet-making, especially in Tuscany. Tuscany has always been the region of Italy which, more than any other, maintained fidelity to the cause of the Renaissance. Brunellesco, who introduced the style in architecture, was a Florentine, and at Florence made the first essays in the reproduction of Classical entablatures, which had fallen out of use during the mediæval period. Michelozzo, the companion of Donatello, and an honored friend of the Medici family, who at Venice and Milan was the first to announce the new precepts in art, was a Florentine; and so were, for the most part, the artists who adorned Naples with its Renaissance monuments, and who assisted Bramante in diffusing at Rome the joys of the same style. As the study of the works of antiquity demanded deep meditation, it developed a deliberation in the movement of the mind which took from it the warmth of spontaneity, and, therefore, the best part of its force. I have said this before, but I repeat it here, to justify a certain coldness and uniformity in the productions of Italian art in the fifteenth and sixteenth centuries. In the cabinet-making of Tuscany, for example, this coldness may be observed. The proportions are beautiful, but the motives are monotonous and uninteresting — commonplace, to use a single expression. The execution is excellent, but without the fire which communicates to any work of art the feeling of life; and, in general we may say that the Italian cabinet-making of the Renaissance is much more a matter of execution than of inspiration. Perhaps this opinion may not be favorably received by my American readers, but I believe that when they have considered the facts upon which it is based, my judgment will find sympathy among them. The monotony of which I speak might have another reason, in that in Italy the

[1] It would be folly to discuss now the question whether the architectural monuments of Greece and Grecian Italy were painted; but it is not so with the application of color to Italian sculpture of the Renaissance period. Apart from the remarkable examples of Luca della Robbia, and his descendants, very many facts have now been collected, which demonstrate that during the Renaissance a true colored sculpture was in vogue in Italy, a sculpture sometimes in marble, but particularly in stucco.

fate which befell several other arts came also to that of woodworking. Carving and inlaying were practised commonly in Italy, either by monks, who shared the same training and inspiration, or by families, like that of the Della Robbia, who handed down from father to son, and from uncle to nephew, the traditions of their art. For example, at Siena the convent of the monks of Monte Oliveto, which was, in point of fact, at Chiusuri, near Siena, where it still exists, was one of the principal sources of instruction in carving and inlay. From this very celebrated convent came admirable carvers, the best of whom was Giovanni da Vergna. Of the families who practised, through a long course of years the arts of carving and inlaying, there would be much to say; here, however, I will mention only the famous Tuscan family of the Del Tasso, which, originating in Florence, filled Tuscany with its work during the fifteenth and sixteenth centuries, and became extinct only in the first years of the seventeenth century.

Outside of Tuscany, however, there were districts where these arts were cultivated with success, as in Venetia and Lombardy, and in these we find numerous families of carvers and inlayers. At Venice, in the Convent of Olivetani, as in the Convent of Chiusuri at Siena, the arts of wood-working were practised and taught by various monks, first among whom was Fra Damiano da Bergamo, who was closely followed by his fellow-monk, Fra Giovanni da Verona. Brother Damiano distinguished himself particularly in his inlaid figure-work, and Brother Giovanni by his inlays with landscapes and architectural perspectives; but both stand unquestionably among the most valorous champions of Italian cabinet-making.[1] Venetia, as a counterpart to the famous family of the Del Tasso, produced that of the Canozzi, or Genesini, from Londinara, a little town in the neighborhood of Pola, which left in Modena, Parma and Padua veritable treasures of carving and inlay, and there were other families less conspicuous.

Leaving Venetia for Lombardy, we find here the Sacchi family of Cremona, which formed one of the most fruitful branches on the genealogical tree of Renaissance woodwork in Italy. By the side of the Sacchi, Bergamo, the birthplace of Fra Bastiano, produced many families of skilful carvers and inlayers, the most prominent of which was that of the Capodiferro, whose works can be best appreciated in the choir of Santa Maria della Misericordia at Bergamo.

We see, therefore, how relationship or close associations of other kinds confined the imagination of these artificers in wood, and how their productions came to have a certain family air and a similarity of taste, which is to be considered in forming our judgment on the arts of carving and intarsia of this period.

But what frightful productiveness do we find during that time! In Italy there is one town, Perugia, which possesses so many works in carving and inlay that a special museum is devoted to them. At Perugia Fra Damiano worked, with a brother, Maestro Stefano di Antoniolo de' Zambelli, and many other skilful Tuscan carvers practised there; but Perugia had, besides, a host of carvers of its own, who were very capable. This town of Umbria, where were born Il Perugino, Raphael, Bramante and Rossini, is celebrated above all for the choirs of its churches. Among these, unquestionably, the most artistic is that of the monastery of S. Pietro della Congregazione Cassinese-Benedettina. Not being able to offer a drawing, I shall have to describe it to give an idea of the richness of this wonderful work. The choir, like the church, is of a hexagonal form, and has two rows of elaborately decorated stalls, divided into two equal parts, and in the middle a door of intarsia-work. At the right and left extend the stalls, twenty in the upper row and fourteen in the lower. Forty-six colonnettes divide the upper stalls, and as many pilasters, fluted, with bases, plinths, architrave, frieze and cornice, of the Composite order, carved and brightened with gold. The lower stalls are formed of twenty-eight panels, with carved divisions. It is not easy to describe the beauty and the variety of the decorations — sphinxes, candelabra, masks, birds, shields, crests, breast-plates, visors, laurel-leaves, inlaid and carved — which adorn the panels of that choir, and the design of which is attributed to Raphael. Some are decorated with figures — Hope, Charity, St. Jerome in the act of beating his breast, Saul throwing himself from his horse, Jesus rising from the dead, and so on. But, as I have said, it is not easy to give an accurate description of a work so rich and sumptuous as the choir of S. Pietro without extending it to an inordinate length, and I wish here, rather than a complete history of Italian furniture, to give only its most characteristic points.

I may, therefore, terminate here the account of the carving and inlaying of the Renaissance, reserving a general view of the epochs which followed in Italy the abundant flowering of the fifteenth and sixteenth centuries, which has been the principal object of my inquiry to-day. That I have said little of secular furnishing, or, rather, that I have confined myself almost exclusively to the decoration of churches in this study is due to this, that in Italy, during the Renaissance, a great part of the occupation of artists consisted in the embellishing of churches. In the churches, therefore, the student must make his principal investigations if he wishes to form a connected notion of the arts of the Renaissance, and particularly of those of carving and inlaying. It is needless to add that the arts of working and inlaying wood were much in demand in the various courts of Italy at the time of which I speak, and that the courts of the period were centres of progress in art, science and letters; but, however sumptuous was the fashion of furniture at these courts, the works in wood in the churches are those which principally claim the attention of the student.

ALFREDO MELANI.

[1] The following anecdote is related of Fra Damiano: Charles V, being at Bologna, on his way to be crowned Emperor by Pope Clement VII, went, on December 5, 1529, to visit the works of art at S. Domenico. Stopping before the inlaid work of the choir, he thought that he had been misinformed about it, and, supposing it to be painting, instead of wood-mosaic, drew a dagger, and, to ascertain the truth, scraped with the point a small portion of the work, which has ever since remained defaced as he left it.

THE ILLUSTRATIONS

[Contributors are requested to send with their drawings full and adequate descriptions of the buildings, including a statement of cost.]

ENTRANCE TO HOUSE OF W. SARGENT, ESQ., COMMONWEALTH AVE., BOSTON, MASS. MESSRS. ROTCH & TILDEN, ARCHITECTS, BOSTON, MASS.

[Helio-chrome, issued with the International and Imperial Editions only.]

THE LANGMAID BLOCK, SOMERVILLE, MASS. MR. J. PICKERING PUTNAM, ARCHITECT, BOSTON, MASS.

THESE houses are now being erected on the corner of Broadway and Thurston Streets, Winter Hill, Somerville, for the heirs of Samuel P. Langmaid. They are of brick with granite and terra-cotta trimmings.

Following the grade of Broadway, each of the upper three houses stands 2½ feet higher in the floor-levels than its next neighbor below, and the design of the façade is made so as to harmonize the fronts without disguising this fact. This is accomplished by so arranging the stone belt-courses and entrance steps and platforms, that they shall be continuous and yet represent different parts of the construction in each building. Especial attention has been given to the sanitary arrangements of the block in the details of heating, ventilating and plumbing, as indicated on the plans.

ARCHBISHOP'S RESIDENCE, ST. LOUIS, MO. MR. ISAAC S. TAYLOR, ARCHITECT, ST. LOUIS, MO.

HOUSE FOR GEORGE P. HOWLETT, ESQ., WEST NEWTON, MASS. MR. C. HERBERT MCCLARE, ARCHITECT, CAMBRIDGE, MASS.

HOUSE AT SWAMPSCOTT, MASS. MESSRS. LITTLE, BROWN & MOORE, ARCHITECTS, BOSTON, MASS.

ACCEPTED DESIGN FOR THE CHAMBER OF COMMERCE, RICHMOND, VA. MR. M. J. DIMMOCK, ARCHITECT, RICHMOND, VA.

HOUSE OF OREN SCOTTEN, ESQ., DETROIT, MICH. MESSRS. JOHN SCOTT & CO., ARCHITECTS, DETROIT, MICH.

THIS house is of brick with stone finish.

[Additional Illustrations in the International Edition.]

INTERIOR VIEW OF THE PROTESTANT TEMPLE, LYONS, FRANCE. M. G. ANDRÉ, ARCHITECT.

THIS plate is reproduced from the *Revue Générale de l'Architecture.*

THE MARIENHOSPITAL NEAR STUTTGART, GERMANY. PROF. R. REINHARDT, ARCHITECT.

THIS plate is reproduced from *Architektonische Rundschau.*

DETAILS OF ST. PAUL'S CATHEDRAL, LONDON, ENGLAND.

THIS plate is reproduced from *Specialties.*

TOMBS AT STUTTGART, GERMANY.

THESE illustrations are copied from *La Construction Moderne.*

ATHLETE WRESTLING WITH A PYTHON. SIR FREDERICK LEIGHTON, SCULPTOR.

THIS illustration reproduced from *Building News*, represents the marble statue by the painter-sculptor President of the Royal Academy at this year's exhibition of that Society.

HOTEL OF MME. SARA BERNHARDT, PARIS, FRANCE. M. CHÉRET, ARCHITECT.

SOME time in 1877, Madame Sara Bernhardt built at the corner of the Avenue de Villiers and the Rue Fortuny a somewhat sumptuous and quite classically designed house. Since that time, however, the great tragedienne has abandoned her Phidiases, her Andromaches

and Clytemnestras, and has thrown herself into more modern creations. Amongst other personages she has rendered for us a never-to-be-forgotten Joan of Arc. To this warlike maiden of the consecration at Rheims, the dwelling-place of one of the great Hellenic queens did not appear a fitting abiding-place. When returning at night, to have to ascend a Louis XIV staircase, when one had just descended the staircase of the Château de Chinon, appeared to her a most shocking anachronism. Impregnated with the spirit of the fourteenth century, which she had studied so well, she desired also to have her encorbelled turrets, her pinnacled dormers, her openwork balconies, her pepper-pots and crested roofs, her machicolations and buttresses flanked with niches. In this frame of mind she applied to a master as fanciful as herself, to Chéret, the author of those attractive play-bills, which every one knows. Chéret, before becoming a pastellist and lithographer, had been a decorator, and even in his spare moments an architect. With a flirt of his very able pencil, he realized Joan of Arc's dream, and in this same Rue Fortuny, joining the old house built in 1877, he has just built for his illustrious client a building which we to-day reproduce from *La Semaine des Constructeurs*. The design is Gothic, vernacular perhaps. At any rate, we will not try to analyze it, for it oversteps all rules and regulations. Perhaps this may be the reason why it is so picturesque. The only thing that it lacks is a little bit of symbolism, but the niches at the corners are empty, and the upper part of the doorway is filled with the most commonplace grille of wrought-iron work. Why did not M. Chéret place in one of the niches a Byzantine Theodora, and in the other a Cleopatra, after the style of the queens of Saba de Chartres? Why didn't he crown his doorway with a bas-relief like that at the Château de Blois, representing on horseback the heroine of the siege of Orleans? Why, upon the front pediment which crowns the centre of his curious work did he not plant a Madonna, with joined hands and eyes lifted to heaven?—allegorical personifications these, which would have characterized this as the dwelling-place of a great artist, who has endeavored to bring to life again, one after another, the Empress of Constantinople, the Queen of Egypt and the Virgin of the Mystery of M. D'Hazaucourt. However these things may be, M. Chéret's work has a very interesting individuality, and that makes it worth publishing. In these times of stupefying uniformity, this house, in spite of its defects, is worthy of attracting attention. Unfortunately this Gothic, *tout fin de siecle* as it is, is already terribly out of fashion. There has just been demolished on the Avenue Montaine one of the most charming buildings in this style (near the Roman house of Prince Napoleon) which has been built in our days. The little turreted villas in the suburbs of Paris, filled with spiral staircases, crenelated posterns and bizarre weather-cocks, are already falling in ruins. Soon there will be nothing left of these bagatelles, due to the caprices of the moment. Let us hope that the hôtel of Madame Sara Bernhardt will not endure the fate which has fallen to M. De Lesseps's. The nineteenth-century Gothic deserves to be transmitted to posterity. The Monceau quarter possesses several curious specimens in this style. The most curious specimen is the house which is found at 116 Rue St. Martin, upon which are seen bas-reliefs showing the origin of the Goths, the Treason of Stilico, and the Goths driven out of Rome. It is the house of Jerome Paturot. It would be melancholy to see these fantasies replaced by the five-storied buildings which every one knows. It is said that the ex-societaire of the Théatre Française already dreams of building at Neuilly a new dwelling-place. Even if she does, let us hope that she will preserve the one in the Rue Fortuny. It has this advantage, which we desire to point out: By its aspect it signalizes the character of the person who inhabits it, and that in these days is no small merit.

BATTERSEA POLYTECHNIC COMPETITION. PROF. ROGER SMITH, SON & GALE, ARCHITECTS.

The design for the Battersea Polytechnic, which, together with a sketch-plan, we copy from the *British Architect*, is the one contributed by Messrs. Roger Smith, Son & Gale in the final competition, and is, in accordance with the stipulated conditions, an elaboration of the preliminary design, and has not been materially altered in any way. The perspective, indeed, has served for both stages of the competition. The building is arranged with straight and well-lighted corridors, and is planned to form a double quadrangle, so as to give complete circulation and ready intercommunication between the parts, while providing for their isolation if desired. Each department on the ground-floor is provided with a separate entrance, while at the same time every department is readily reached from the main entrance, which can be used as the only one when required. A considerable area on the ground-floor is left for future extension, which can also be readily secured on the first and second floors, thus rendering it possible to extend every department should occasion arise.

The ground floor contains to the right of the entrance the administrative department, on the left the men's social department, and beyond it the women's social department, with separate entrance. The gymnasiums and bath arranged together, and near the social departments, are outside the main building and top-lighted. The shops belonging to the department of technical education form a compact block in the rear of the building, and are lighted with windows and also skylights on the saw-tooth system; each of those where bulky material may be used has an external door. The hall, which is the most important single room in the building, has not only been placed at one side of the site, where direct egress is most easily secured, but has also been brought to the front as befits its importance. It has been specially designed with a view to its being used for public meetings or entertainments of various kinds, as well as for the purposes of the Polytechnic itself. It is therefore arranged to meet the requirements of the County Council, and, while readily accessible from the main building when so required, can be entirely shut off from it without in any way interrupting the communication between its various parts or causing any inconvenience in its working. A tower has been provided for the large water-tanks required by the County Council regulations.

The first floor (the extent of which is indicated by the diagonal lines on the plan) contains the women's technical school over their social department and portions of the men's technical department, including the music-rooms (placed also near the women's rooms), entirely isolated and sound-proof, the technical library placed centrally, and the majority of the class-rooms and one of the lecture-theatres. This arrangement is specially intended to fulfil one purpose suggested for the building by the committee, viz, that it should be used as a boys' school for general and technical education by day.

The second floor contains the art-school and photographic rooms, with northern skylights, the chemical and physical laboratories, lecture-theatre and class-room.

The exterior has been kept very plain by the instruction of the committee, and the authors have sought to produce architectural effect by the disposition of the masses and parts of the building, rather than by the use of ornament or decoration. The materials suggested for the exterior are stock and red brick and terra-cotta, with tiled roofs to the main block and slated roofs to the brick buildings. A system of artificial ventilation, as well as very thorough natural ventilation, is provided, and the heating is arranged to be by hot water. The estimated cost of the building is £39,850.

PETERBOROUGH CATHEDRAL. AFTER A DRAWING BY MR. ARNOLD MITCHELL IN THE *Builder*.

After a period extending over about seven years, the structure of Peterborough Cathedral church has now assumed its former appearance, if we are to except the absence of the four pinnacles or turrets which formerly crowned the central tower. It was during the rebuilding of this lantern, when everything in the nature of fittings was necessarily removed and the foundations generally examined, that the traces of the early church, which we are able to show on the plan, were discovered and plotted. Whether or no these foundations are of the church which immediately preceded the great Norman building begun by Abbot John de Sais, it seems extremely probable that the relative proportions were to some extent taken as a basis for the plan of the Norman work. The dimensions of the Saxon building, of which we have the foundation walls of the transepts and choir still in existence, have been approximately doubled in the Norman work, whether by accident or design. The site of the Saxon nave would occupy the space on which stands the nave cloister-walk and the south aisle of the present nave, and digging — a matter of no great difficulty so far as the garth is concerned — would reveal without doubt the extent westward of the early church, and determine whether or not it had aisles.

The doorway at the northwest angle of the cloister, which is inserted in a portion of a very early wall, happens to be central with the centre of the Saxon church, and may mark the west wall of the church. It is also a curious coincidence that the length of the nave, supposing it to be taken from the wall to the western piers of the Saxon central tower, is exactly half the total length of the present nave of the Cathedral. Fire, so often chronicled in the history of these establishments, destroyed the church existing at the beginning of the twelfth century, and Abbot John de Sais, in March, 1117, began the erection of the Norman work, and we may reasonably suppose that, following the usual method, the work was commenced at the east. Allowing for the larger scale on which his building was designed, the idea may in all probability have occurred to design the new work to occupy some portion of the old site. The space, too, north and east of the first church seems to have been a burial-ground of importance, and Saxon monumental slabs have been discovered in the north transept. The new church would thus occupy the ground that was associated with the early history of the Abbey.

The apsidal termination was adopted here, as in other great churches of the time, the aisles also being finished in a similar manner. One of the side apses was recently laid bare, and has been marked by a step in the south aisle.

Although the design has been pretty closely adhered to throughout the long period which the remodelled church occupied in building, there are many traces in the detail, chiefly in strings and the sudden alteration or abandonment of ornament, which serve to denote that there was a stoppage from time to time in the works. It is westward of the central tower, however, that the more important changes in the structure are apparent. The second column westward of the crossing differs on plan from the first and other columns for eight bays from the central tower. It is quite possible, however, that this alteration in plan was either for the sake of variety (as in the sanctuary, where there are round, octagonal or twelve-sided columns), or to mark the termination of the monastic

choir westward. This purpose it now serves for the new return stalls recently put up. For six bays westward of this the columns are the same as that of the first column west of the crossing. The respond, however, of this bay is of larger dimensions, and marks the first termination westward, or, more properly speaking, forms one of the piers which supported the west towers which were intended or built. In Transitional times the nave was lengthened by two bays, and shallow western transepts were thrown out beyond the aisles north and south. Its design can be partially traced to-day, but it has been considerably dovetailed into later work.

The desire for future extension was not apparently satisfied, and in the thirteenth century (its exact date is not recorded) the present western "porch" was erected. That it is unique is not to allow that it is in every sense satisfactory. However much we may admire the boldness of the conception, there is a lack of relation to what is behind it which almost causes regret that the earlier front of Transitional times, which certainly expressed its meaning better, was not spared. It is now impossible, of course, to say what the original Norman front was, but the design of the great arches of Peterborough recall strongly the great Norman arch of the west front at Tewkesbury Abbey, a monastery which belonged to the same order, the Benedictine. An interesting point also with regard to the gradual spreading of the design may be suggested. It may reasonably be conjectured that, considering the church to be symbolical of the Cross, the base should take the form of the "Calvary," or steps. In the plan of Peterborough, it is the more apparent on account of the second projection formed by the small towers which flank the last façade; but the projecting towers, as at Wells, might well have been suggested by this endeavor to make symbolism largely enter into the design.

We have given this amount of space to the description of the Norman work, as it forms so large a portion of the existing fabric. The remaining portions of later date occur mostly eastward. As at Ely, a Lady Chapel was erected by William Paris, prior (1274–1296), parallel with the sanctuary on the north side, and was approached from the north transept and north ambulatory. For this purpose the outer wall was pierced, the columns still remaining. In 1651 it was destroyed, however, and also the cloister, and some windows from the latter were placed in the wall, which was again built up.

The remodelling of the east end of the church was the first work of Abbot Richard Aston, 1438–1496, and of Robert Kirton, who succeeded him. The Norman apsidal terminations to the aisles were destroyed, and a rectangular building was thrown out eastward of the great apse, forming an ambulatory, and giving space for five altars against the east wall. The treatment of the external wall of the apse, to make it accord in some degree with the new work, forms a very picturesque portion of the interior.

The wall of the apse had already been pierced in Decorated times, and the very beautiful work was inserted. The two side windows on the outer face of the wall were glazed, and still retain their saddle-bars. The extension, or "new work," as it is still called, rendered this unnecessary, and it not only seems to have been removed, but the three windows which occupied similar positions in the curved bays of the apse were destroyed and perpendicular tracery inserted. The wall of the apse seems at this time to have been richly decorated with fresco consisting of heraldic shields on a diaper background, some considerable traces of which yet remain. The only other additions of importance were the central lantern, of Decorated date, and recently rebuilt from the foundations, and the chapel over a vaulted porch, which was so curiously inserted under the middle arch of the west front, and which is now used as a library. But scanty remains exist of the monuments. Some effigies, including a mutilated one of Bishop John Chambers (died 1557), and a curious tomb and effigy of Bishop Alexander, of Allwalton marble, still exist in the south aisle. A curious early shrine, with rude figures carved on its sides, and finishing with a coped top, has been placed in one of the recesses of the apse on the southeast. A good fragment of ironwork still remains on the door to the west aisle of the south transept, now used as a singing-school and for meetings of the chapter.

The sites are shown of the burial-places of Catharine of Arragon and Mary of Scotland, in the north and south aisles of the presbytery, respectively. Nothing, however, remains of any monument in either case.

Of the former fittings of the choir, some remains of the thirteenth-century choir-stalls are to be seen in the Chapel of St. James in the north transept. Parclose screens remain in the eastern chapels of both transepts, and the traces of the screens which stood between the presbytery arches are still visible on the Norman columns. The font, now in the southwest transept, is modern, with the exception of the bowl, which appears to be of the thirteenth century. With the exception of these few details, however, the interest of Peterborough lies almost exclusively in the early work of the main fabric. Of the abbey which adjoined it on the south, the walls of the cloister exist, and some considerable remains of the infirmary standing southeast of the garth with its chapel. The cloister is apparently of fourteenth-century date, with later details inserted. The early wall at the northwest angle, with its doorway, has been already referred to.

The refurnishing of the choir has been commenced. Blore's organ-screen, throne and stalls have all been removed, and the first portion of the new stalls, designed by Mr. Pearson, are now the only permanent fittings in the choir. The steps on the plan have been shown as they at present exist, but in time further alteration will, no doubt, become necessary when a new reredos is placed in the sanctuary.— *The Builder.*

NEW OFFICES FOR THE SYDNEY BOARD OF WATER-SUPPLY AND SEWERAGE, SYDNEY, N. S. W.

WE copy from the *Australasian Builder and Contractors' News*, the new offices for the Board of Water-supply and Sewerage, which are to be erected at the corner of Pitt and Wilmott Streets, Sydney, a situation readily accessible by tram or 'bus from all parts of the city and suburbs.

The building, which will have a frontage on Pitt Street of 72 feet, and on Wilmott Street of 84 feet, will consist of five stories and a basement, and will be 88 feet from the pavement to top of the balustrade. The basement is 12 feet from floor to ceiling, which at the corner is 5 feet above ground level, thus admitting of ample means of lighting and ventilation, and it consists of accommodation for the plumbers and drainers, fees office, sanitary inspector's office, museum of sanitary appliances, lavatories, strong-room; having a low-level entrance from Wilmott Street, and communicating by central stair and elevator with the Rates office and all the other floors.

The principal or ground floor, as also all other floors, is approached from the centre of the façade on Pitt Street by a short flight of steps in vestibule, 9 feet wide, and is 5 feet above pavement level at this point. On this floor is the office for payment of water and sewerage rates, accountant's and asssessor's department; and the large room, from which start the grand stairs, is 62 feet by 66 feet, and 20 feet high.

On the first floor are the Board-room 30 feet by 20 feet, with a large bay, the president's and secretary's rooms, and room for the staff of the secretary's branch, all of which are 15 feet high. On the second and third floors are placed the water and sewerage engineers, and their staff respectively. On the fourth floor there is a residence for messenger, lavatories, heliographic printing-room, etc., and a flat roof over part of third floor not raised to the full height, forming a promenade or yard to the messenger's residence. The grand staircase, which is a unique feature, and is placed in the centre of the building, is 18 feet by 27 feet, lighted by a dome-light on top, and the corridors, 5 feet 6 inches wide for access to the various offices, run all round. These are divided from the stair-well by open arcaded walls, with balusters and coping, all finished in Keen's cement.

The style adopted is a free and slightly eclectic treatment of the Italian Renaissance; and the ground or principal floor, is treated in a broad manner, so as to form a base for the superstructure, which consists of two tiers with full orders, each tier embracing two floors. On the pediment, which crowns the central features over the principal entrance, is a group representing Hygeia supported by allegorical figures. The capitals of the main columns are slightly French in character, and the corbelling-out of the first floor balconettes and the bracketed architraves here and there suggest the Queen Anne style. But the various elements have been skilfully harmonized, there is a unity of composition about the whole which is artistic and effective, and the design reflects high credit on the designer. The panels in the under part of the large corner pilasters are intended to be filled with bas-reliefs, representing the obtaining of water in early times.

The fronts on Pitt and Wilmott Streets are to be built of double-pressed bricks, with all friezes, cornices, balustrades, pilasters and base 8 feet above street level, of Pyrmont stone, no cement being used externally.

The plans were prepared in the department, under the supervision of Colonel Rowe, F. R. I. B. A., the President of the Board. The total cost, inclusive of fittings, will be about £33,000, and the contractor for the whole work is Mr. Peter Hill of Newtown, Sydney. It is expected that the buildings will be ready for occupation by June or July, 1892.

PORCH, JUMA MUSJID, CHANDERI, INDIA. FRONT ELEVATION.

IT has been said before that Chanderi contains an inexhaustible mine of archæological wealth of the Hindu, Mohamedan and Bundela periods; and the front elevation of the Baniah's house that appeared in a previous issue, has shown the stage of architectural art in the Bundela period. The front elevation, that is published to-day, of the gate of Juma Musjid, treats of an ornamental façade of quite a different style.

The Juma Musjid is said to have been built during the reign of Aurungzebe (1658 to 1707 A. D.); but since there are no monuments of the Mogul period here, I conclude that it was the old mosque of the Pathan period, that was repaired by a local officer of the Emperor; and the character of the ornaments and details, much resembling those of the Pathans in this town, lends me an evidence that it was built before the Moguls came to the land. Though there are many Madarsahs (colleges) and tombs of the Pathans of the Mandoo dynasty here, and an *Eedgah* too, I could not discover any site of a *Juma Musjid* (Friday church), that they must have had to offer public prayers.

The Juma Musjid, as it stands at present, has a quadrangle court, with arcades on the three sides, and the mosque proper with three big domes on the west. The eastern side of the quadrangle with the

gate is said to have been dismantled by Colonel Jean Baptiste, the French General of the Scindia, who conquered the town from the Bundels in the beginning of the present century; and the present porch was rebuilt by the local Mahomedans with the old materials, arranging them in the order they were originally, with a high back wall to enclose the court-yard of the mosque.

The façade, which was drawn on the spot from actual measurements, represents three elaborately carved bays, of which the central one is the entrance to the mosque proper. The side arches, flanked by elaborate pilasters, cover the platform within for the guards to sit upon; and the inner and smaller niches are on the back walls.

This façade of three bays are equally divided by pilasters, of which the shaft is half-octagonal, the facets are covered with many arabesques, and the bases are elaborately moulded. The end pilasters are half in elevation, flanked on the outer side by half columns, which have a projection of some inches and which betray the Pathan style. Beyond the columns are vertical lines of ornamental leaves and rosettes.

The multifoiled arch, of which the cusps are exquisitely worked out, has three parallel lines of ornaments, and is supported by delicate jambs; and the whole bay is enclosed by three bands of leaves, cruciform holes and flowers. The spandrel is relieved by beautiful rosettes on the two sides of the arch; and the central spandrel has four diminutive arched openings in addition to the rosettes. Above the central arch are three other rosettes with other ornaments in the architrave, which, over the two side ones, shows two lines of Arabic inscription in Togra characters.

Above the architrave is the boldly projecting eave, of which the base shows a band of leaves and flowers. Higher up, the parapet is an ugly work of rubble masonry and plaster of the modern period, which is not in keeping with the highly ornamented façade below. In fact, the parapet destroys the beautiful effect of the whole. Chanderi still has a few artisans in stone, who turn out occasionally good work, which is susceptible of improvement, if encouragement be forthcoming. Recently they built a very fine temple in the debased style. Had they had proper guidance, this debased style they could have avoided. They are now struggling for existence, and I am afraid that, before long, the art of ornamental cutting on stone will die out altogether. Chanderi is also celebrated for fine silk cloths. — *Indian Engineering.*

THE OTIS ELEVATOR FOR THE NORTH HUDSON COUNTY R. R., HOBOKEN, N. J.

A favorite place of residence for persons doing business in New York is the part of New Jersey known as the Palisades. This is a plateau terminating in a steep cliff, 175 feet to 200 feet high, and separated from the Hudson River by a flat plain of varying width. Passengers alighting from the ferries have to be raised to the level of the plateau before they can reach their homes by the various street and elevated railroads that serve the district. From the Hoboken Ferry, which is about a mile from the cliff, the ascent is made by means of cable incline of about five per cent grade. This has an endless cable, to which the cars grip in the ordinary manner. At another part of the cliffs, there is a steep incline worked by cable and winding-engines upon which street-cars and horses are raised and lowered from the flat to the upper plateau.

At the West Shore, or Forty-second Street ferry, the cliffs are too near the river front (900 feet) and too steep to allow of them being ascended by means of an incline. The railway, which is part of the system of the North Hudson County Railway Company, at the upper level approaches the face of the cliff through a rocky cut about 25 feet wide, and comes out at an elevation of 150 feet above high tide. It is carried forward across the river plain by means of an elevated viaduct, consisting of six towers and six steel spans. At the end next the river there are three elevators which lift the passengers alighting from the ferry to the station above, where they enter the trains. The viaduct has been constructed to carry a double track, with a 45-ton Mogul locomotive, followed by a train-load of 2,000 pounds per foot on each road. There are footways outside the railway for those who prefer to walk to the cliff.

The elevators, which are probably the largest in the world, will lift 130 persons 145 feet at each trip, and are being built by Messrs. Otis Brothers and Co., of New York (American Elevator Company, London). The whole elevator-plant and machinery, also the steel viaduct and towers, have been designed by Mr. Thomas E. Brown, Jr., chief-engineer to Messrs. Otis Brothers. As shown by our two-page plate, the elevators are worked on the combined gravity and pressure system, that is, by water from a closed overhead tank in which there is a pressure of air. The water is raised by compound Worthington pumping-engines, having each steam-cylinders 16 inches and 29 inches in diameter, and a water-cylinder 12 inches in diameter by 18 inches stroke. There is also an air-pump on the engine to charge the tank with. This tank has a capacity of 10,000 gallons, while a waste tank of similar capacity is situated at the foot of the hoist, in addition to a supplementary tank of 1,200 gallons capacity.

The elevators are on the well-known plan followed by the Otis Company in America and the American Elevator Company in this country, that is, the cage is raised by wire ropes, which pass round a single purchase block, and are made fast at the other end, to a fixed point (Figure 5). This block is attached by rods to a piston moving in an hydraulic cylinder. To raise the cage, pressure-water is admitted to the upper side of the piston, while the lower side is connected to the waste-pipe. To lower the cage the pressure-water is cut off, and the upper and lower sides of the piston are put in communication with one another, and the water allowed to flow from above to below. A portion of the dead-weight of the cage is counterbalanced by a weight and also by the piston and sheaves. The cages, or cars as they are called, are 21 feet 6 inches long by 12 feet 6 inches wide, and 10 feet high, and each is expected to carry 130 passengers per trip. The entry and exit is so arranged that they can take place simultaneously through double doors, 6 feet wide. Each car is suspended in a steel frame, formed on channels, angles, and plates, and provided with windows that can be opened, and with ample ventilators.

Each cylinder is 38 inches in diameter, and 2 inches thick; it is formed in lengths united by flanges 50 inches in diameter and 3 inches thick; the sections are bolted together at each joint by 24 bolts $1\frac{3}{4}$ inches in diameter, the joint being made with asbestos cardboard. The lower end of each cylinder is closed with a heavy base-plate (Figure 6), secured to the foundations by two 4-inch bolts. The test-pressure for the cylinders is 500 pounds on the square inch. The pistons are attached to the travelling sheaves by two $4\frac{1}{2}$-inch inch piston-rods of open-hearth steel. The upper ends of these rods are connected to eyes, and fastened to equalizing forgings by 4-inch pins. These in turn are connected to the steel frame, carrying the multiplying pulleys by a $5\frac{1}{2}$-inch pin. The multiplying gears consist of heavy steel frames, built-up of plates and angles, each carrying three sheaves of 60 inches, 56 inches, and 52 inches in diameter. The main sheaves are of cast-iron and 60 inches in diameter. The counterbalance sheaves are of a lighter pattern than the main sheaves and are 54 inches in diameter.

The working pressure is 180 pounds, and with this pressure and a load of 20,000 pounds, the speed of lift is at the rate of 200 feet a minute. To enable the stopping to be performed without any jerk, an apron is attached to the piston (Figure 6) to gradually close the port as the piston reaches the end of its stroke. This apron, which is perforated, passes over the port and gradually reduces the area of opening, so that the car is brought to rest automatically and gently. The main control valve is too large to be worked direct from the hand-rope, and consequently a subsidiary valve and cylinder is introduced for the purpose (Figure 6). The rope turns a wheel fixed to a shaft on the end of which is a crank coupled by a rod to a beam which is connected at one end to the spindle of the main valve, and at the other end to the spindle of the subsidiary valve. When the wheel is turned it operates the subsidiary valve, which admits and exhausts pressure-water from the underside of a subsidary piston connected to the main valve, and in this way it operates the main valve. The arrangement is on the well-known principle of the Servo motor, which renders the motion of the main valve identical with that of the subsidiary valve.

The Otis elevator has earned a high character for safety, and perfect confidence is felt in its security. In the example before us the car is suspended by eight ropes of crucible steel, $\frac{7}{8}$ inches in diameter, with six strands, of 19 wires to the strand; two of these ropes are connected to the counterweight, and six to the hoisting gear. The Otis triple-grip safety-gear is employed, and is connected to the ropes in such a way that if one or more of them become stretched or broken, the grip takes hold of three sides of the wooden guide. There are also two governor safeties mounted on the upper part of the tower (Figures 1 and 2). Each is driven by an endless rope passing down the well, round an idler pulley at the bottom, and up again. This rope is made fast to the car at one point, and when the car is running it drives the governor. Should this motion exceed the determined speed the balls of the governor fly out and cause a grip to seize the rope and hold it. On the car, the attachment of the rope is a part of the safety-gear, and the effect of checking its motion is to set this gear in action and stop the cage. — *Engineering.*

NEW HOUSES, HAMILTON TERRACE, LONDON, ENG. MESSRS. BOEHMER & GIBBS, ARCHITECTS, LONDON, ENG.

These houses are now being erected on the site formerly occupied by a portion of the Pine Apple Nursery, with frontages on Hamilton Terrace and Hall Road. About twelve houses in all will be built, thus leaving a considerable area of the ground uncovered, which is to be laid out as general gardens and tennis-courts. Our illustration shows the first two houses, now in course of completion. The elevations are carried out in red brick and stone, the roofs covered with slates. The houses will be handsomely decorated and furnished with all modern improvements, hot water, heating, etc. A large billiard-room on the basement floor opens out on the terrace and private gardens, raised some feet over the grounds at the rear, to which it forms the approach. It is proposed to vary the houses, both in plan and elevation, so as to group them, so far as practicable, into one harmonious whole.

TOMB OF PHILIPPE POT.

[The following notes, which have application to the etching of this noted tomb published last week, were unintentionally omitted from that issue.]

Philippe Pot, whose memory this remarkable work seeks to perpetuate, played in life the part of a man not unworthy of such a monument. Trusted and honored in turn by Philip the Good, Duke of Burgundy, who made him High Chamberlain, and his son Charles the Bold, for whose three marriages he conducted the negotiations, he next served Louis XI, who conferred on him the Governorship of French Flanders and the position of Grand Seneschal of Burgundy, which office he held throughout the reign of Louis and was continued in by his son, Charles VIII. Yet he does not appear to have been a time-server, but rather a wise and honest councillor who had gained such experience of courts and camps as made his advice and administration acceptable to such opposites as the rash Burgundian duke and his crafty and victorious rival, Louis.

Philippe, whose father, Regnier Pot, had been Chamberlain to Jean sans Peur, and according to some records, ambassador to England, was born in 1428 in the Castle of La Roche, near Beaune. In his youth and early manhood he won a high reputation for valor, both at joust and tournament and in sterner fights, and also for a chivalrous worship of the Holy Virgin, in whose honor he bore the device of *Tant Elle vaut*. The name of Knight of our Lady thus became his, by popular voice, and Mother Church claims him as one of her hero-saints. To this day in his own land of Burgundy, indeed, the legends of his piety and his prowess are made the subject of dramatic performances in the boys' schools. Many wondrous tales are told of the brave deeds of young Philippe at the siege of Constantinople and elsewhere in the East, but history fails to substantiate these stories. We know, however, that when about twenty-five years old, he was present at a great festival (the *Votes des Faisans*) given by Philip the Good at Lille, in 1453, for the purpose of inciting his adherents to join the Holy War against the Grand Turk, and was foremost among the knights who in the gallant fashion of the times swore "on the pheasant," before God, the Virgin Mary and the ladies, their vows to acquit themselves of various deeds of high emprise among the infidels. At this magnificent spectacle, the preparation for which had taken three months' time and which followed a tournament given by the Duke of Cleves, one of the tables held as a centrepiece a huge pasty containing twenty-eight musicians, and at the plate-laden buffet, a live lion was chained, with the device, *Ne touchez point à ma Dame*. Duke Philippe, for the first time since his murdered father's death, discarded his mourning and appeared in a dress glittering with a million crown's worth of jewels, and among other strange and rare shows there given, was a dramatic performance of the story of Jason and the Golden Fleece, and a presentment of a giant dressed like a Turk, who led an elephant with a battlemented castle on his back, inside the castle being a lady representing the persecuted Church, who wept and made piteous appeals for succor.

Some thirty years after this, Philippe Pot was a prominent figure at another notable assemblage, the famous meeting of the States-General, called to consider the deplorable condition of the kingdom and to order public affairs, which was held at Tours, after the death of Louis XI, in the great hall of the Archbishop's Palace, in February, 1484. The young King Charles VIII, was enthroned on the central dais and surrounded by the chief officers of the crown, the cardinal and princes of the blood, with the attendant nobles, while fronting them sat the deputies, some two hundred and fifty in number. The question in time coming forward of the guardianship of the young King and the claims of the Duke of Orleans to govern during his minority, Philippe Pot arose and as chosen deputy of the nobility of Burgundy, spoke some plain and bold words which were worthy of that eloquence which had gained him the name of the "mouth of Cicero" and well deserve repeating: "Before everything," said this outspoken orator, "I would have you well convinced that public authority is the affair of the people, and it is the people who have confided it to kings. Those who have possessed themselves of it in any other way, without the consent of the people, have only been reputed tyrants and usurpers of the rights of others." Then he showed that it was evident the young king could not govern alone, but required counsel and assistance. At the same time, the government was not to be entrusted to one prince of the blood or to many, for it belonged to all the people. It is to the people who have given authority to whom it should return, in order that they may take again what is their own, all the more that a long suspension of government or a bad administration is the ruin of the nation. "Now I call the people," said Sire Philippe, "not only the populace who are the subjects of the kingdom, but the men of all the estates; and I understand that under the name States-General the princes themselves are comprised, and that among all those that inhabit the kingdom, none is excluded. In short, nobody denies, I should think, that the royal princes are included in the nobility, of which they are only the most distinguished members." The speaker then endeavored to confirm the idea of the sovereignity of the people by historic example and precedent. This speech strengthened the representatives of the people who ended by strictly limiting the power of Orleans and committing the care of the young monarch to his sister, Anne of Beaujeu, in accordance with his father's will.

Messire Philippe died in 1494, age sixty-six years, and the family domain passed to his niece, Anne, who became the ancestress of the famous constable of France, Anne de Montmorency.

The monument here illustrated, was erected in honor of Philippe Pot, by the Cistercians of Citeaux, in gratitude for benefits conferred on their convent by him and his family. The good fortune which had followed him through life remained even with his carven counterfeit after death and the tomb stood unscathed in the great Abbey Church of Citeaux, through all the civil wars of the sixteenth and seventeenth centuries, which wrought no little destruction therein. It escaped also the perils of the Revolution of 1789, when the Abbey was suppressed and almost entirely destroyed, through the good offices of Comte Richard de Vesorotte, in the private museum of whose son at Dijon it was preserved until a year or two since when it became the property of the State and was transferred to the Louvre, where it forms one of the chief ornaments of the new Salles du Moyen Age.

In this monument, which is peculiar in that the bearers are represented as not only standing but carrying forward the bier, the marble recumbent effigy is not shown as asleep but praying with open eyes. It is of full life-size, the eight monks being slightly smaller. Each of them bears on his arm the scutcheon of some noble family allied with the dead man, and the life-like effect of the mourning figures was heightened by the skilful use of color. The inscription on the side of the slab is written in old French and gives a biographical sketch of the subject of the monument. It is not positively known whether what is now preserved of it represents the whole composition, nor is there any chronicle of the name of the author or authors of this famous work. M. Louis Gonse, however, in his recent work on Gothic Art, is inclined to believe it due to the genius of one Antoine Le Moiturier, of Avignon, nephew of the celebrated sculptor, Jacques Morel. Le Moiturier, he says, lived at Dijon until the end of the fifteenth century and died there about 1500, in poverty and almost forgotten, in spite of the tribute to his skill paid by Michel Colombe, who, when passing through Burgundy in 1511, having been called to Savoy to aid in the erection of the tombs in the church of Brou, bestowed on him the title of "the king of image-makers" (*souverain tailleur d'images*). M. Gonse, who also ascribes to this sculptor the work of completing the tomb of Jean sans Peur and Margaret of Bavaria, at Dijon which was begun by Claux de Werve, quotes from a request of Le Moiturier's for a reduction of taxes, in which the unhappy circumstances of the sculptor's lot are feelingly set forth. Of this monument, which M. Gonse says "closes, by one glorious stroke, the series of masterpieces of Gothic statuary," an English writer, Agnes D. Atkinson, to whose article on this tomb, in the *Portfolio*, we are much indebted, has written these fitting words: "More sumptuous designs, finer work, more elaborate detail, may be found in many a stately monument in France. But it were difficult to find a memorial of the dead more impressive than this quiet figure of the wise councillor and gallant knight, Messire Philippe Pot, lying with upturned face and praying hands, whom the eight bowed and shrouded mourners bear onward to his rest."

COMMUNICATIONS

[*The editors cannot pay attention to demands of correspondents who forget to give their names and addresses as guaranty of good faith; nor do they hold themselves responsible for opinions expressed by their correspondents.*]

"A QUESTION OF COMMISSION," AGAIN.

CINCINNATI, O., June 19, 1891.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs, — I have just read in your issue of June 13th, under the head of Communications, the first article on "A Question of Commission" signed E. H. O. I am free to confess that, after having subscribed to and read your paper since 1876, I have never seen a more heretical or treasonable decision.

Can you realize what a premium you are placing upon the dishonesty of that class of clients whose creed is to get everything for nothing? Do you realize, also, that there are certain (so-called) architects who make a definite portion of their income from contractors and material-men, and not making any pretence whatever, of getting five (or even two-and-a-half) per cent on the cost of the work as their commission, are satisfied with taking as much as they can from the pockets of owner or contractor alike and impartially, for they know or care comparatively little about either good design or thorough construction; certainly, nothing whatever for the good of the profession or community at large.

Do you really confess in print, that knowing the sum and substance of Sections 2, 3 and 4, of Article III of the Constitution of the A. I. A., and as a further result of the acquaintance with some of the best men in a noble profession, that this opinion of yours is just and equitable to either the architect or his client? You must know that your paper has some influence with both architect and client, but I will do you the justice to imagine that you cannot be aware of the possible extent of the damage that such an opinion may do, coming from a paper so generally and generously patronized by the profession. You surely have not read E. H. O's letter aright, or I have not done so; for were he (working under the direction of his client for a $4,000 house, and after telling him more than once that either he must pay more for his house, or content himself with fewer requirements) to continue to work for him in good faith and believing the client to be honest, I do not see how you can give as your honest

opinion, that the client may, with a clear conscience, return the plans and pay nothing for them.

You make the architect, furthermore, responsible for the builder's estimate: this may be so in England, where the architect is paid for estimating, but in the United States the architect and contractor are separate and distinct individuals.

Should the architect give his services gratuitiously to the community at large any more than the editors and proprietors of your periodical? I am, very truly,

Wm. Martin Aiken.

Cincinnati, O., June 19, 1891.

To the Editors of the American Architect:—

Dear Sirs,—Noticing in your edition of the 13th inst., your reply to "A Question of Commission," brings to my mind a question which I should like to ask you: Mr. A. calls and orders plan for house costing $3,500, at same time submitting ideas for house for me to work up, which using the materials he proposes, I find after plans have been laid out would cost client from $12,000 to $13,000. Which plan is my client ordering, the $3,500 plan, or the plan for the $12,000 to $13,000 house? Most respectfully,

Lucian F. Plympton.

[Perhaps the more extended reply to E. H. O's. letter contained in our editorial colums last week will have already answered some of the observations which Mr. Aiken and Mr. Plympton make in these letters. We are very glad, by the way, to receive such letters, as well as everything tending to promote a discussion which will result in throwing light upon a point of such great importance to architects. If our professional readers will try to recollect how many instances they have known of architects making enemies of their clients, of losing business to which they were fairly entitled, and of having to part with substantial sums out of their own scanty incomes, through misunderstandings as to the intended and the actual cost of their buildings, they will, we are sure, look kindly even upon what appears to be "heretical" and "treasonable" attempts to elucidate the situation. Mr. Aiken, by the way, will remember that in the reply to which he takes exception, we were not called upon to pronounce any decision of our own, but simply to give information as to the law which the courts have established on the point, and the Supreme Court decision which we quoted at length last week shows, we think, that we did not greatly misstate the view which judges take of it. As to Mr. Plympton's question, which is a very apt one, the best thing we can say is that it is exactly the question that the architect ought to ask his client. It is not very difficult for an architect to tell, at the outset, whether his client's ideal of the house he wants to build, and the price he wishes to pay for it, are compatible, and, if not, the sooner he asks which of the two ideals he is to conform himself to, the better it will be for all parties. If he omit to have this point settled in the first place, and has to apply to a court to settle it for him later, it will be a question for the jury whether his client really meant to have him conform to his ideas of arrangement, regardless of the cost of carrying them out, or to give him something as nearly resembling them as could be had for the price mentioned; but experience shows that, if there is any doubt, juries generally lean to the belief that a man intends to have his instructions as to price followed, in preference to those about the arrangement, if he cannot have both.

In practice, the case is usually more complicated than the one Mr. Plympton supposes. The client begins by saying that he wants a four-thousand-dollar house, and then calls upon the architect every day for a month or so, each time with a new idea as to something that he wants incorporated into the plan. When all this is done, it is found that the house will cost six thousand, and there is mutual unhappiness and aversion, followed, perhaps, by a liberal contribution out of the architect's pocket into that of his client, to settle the matter amicably, or a still more liberal transfer of cash from the same source into a lawyer's pocket, in order to get a settlement by force. The question which will come before the jury in such cases will be: Did the architect give his client sufficient warning that the variations which he asked for could not be made without increasing the cost beyond the limit he had set? If not, ought the client to have known that the variations would increase the cost? Jurymen have, generally, commonsense, and will not believe that a man could add unreasonably to his first idea of an arrangement without knowing that additional cost would be involved: but they will, at the same time, think it strange that an expert architect, employed to advise his client for his best interests in every way, should not warn him when his wishes began to run beyond his means. Architects, partly, perhaps, through the effect of the currish custom of volunteering to do work on approval, or for nothing, are singularly bashful, as a rule, about mentioning money matters to their clients. If they would occasionally put themselves mentally in the place of the latter, and ask themselves how they would feel if, for example, they should order a fifty-dollar suit of clothes, and should innocently pick out some samples of cloth, and the tailor, without making any comments, should make up the suit and send it home, with a bill for a hundred and fifty dollars, instead of fifty, they would be more frank in coming to an understanding with their employers at once on all points of doubt, greatly to the advantage of all parties. Nor, as we believe, would such a course tend to turn business out of their hands, into those of the cheats and robbers, but the reverse. The best clients, who have the most money to spend, and give the architect most discretion in using it to advantage, wish, above all, to be able to rely upon the man to whom they entrust their building operations. They may be perfectly willing to spend three times the amount of the original estimate, in making their buildings three times as beautiful, or solid, or convenient, as they first intended; but they like to know what they are going to get for the money, and do not at all fancy concealments or tricks, by which they are unexpectedly bled of sums for which they cannot see that they obtain any equivalent.—Eds. American Architect.]

NOTES AND CLIPPINGS.

Demolition of Viennese Barracks.—A bill has been introduced in the Austrian Reichsrath for the demolition of ten of the Vienna barracks, eight being in the old town and the two others in the suburbs, and for their reërection in the outskirts of the city, the money to be provided by the sale of the present sites. The value of the sites is estimated at between forty and fifty million florins, a sum deemed sufficient not only for the reërection of healthy barracks in the outer circle, but also for the construction of a system of detached forts for the protection of Greater Vienna. There will still remain three large barracks in the old town, but the greater part of the garrison will be quartered outside. It will take ten years to complete the plans, and it is hoped that the impetus which the works will give to so many trades will check the decline of Vienna.—*New York Evening Post.*

Red-hot Hot-water Pipes.—During the discussion that followed the reading of Mr. W. E. Worthen's paper on Steam-heating before the American Society of Civil Engineers, recently, the following statements were made:

Mr. H. W. Brinckerhoff, M. Am. Soc. C. E.—A very intelligent man who had put in a great deal of the old-fashioned hot-water apparatus, without an expansion-tank, once told me he had worked up to pressures as high as 1,200 pounds per square inch, and added that he had seen the flow-pipe from the boiler visibly red in the dark; in other words, the water was red-hot. I was rather inclined to think that he might be correct, incredible as it seemed, because, on looking up the matter, I found that steam at 1,200 pounds per square inch has very closely the temperature of iron at a red heat in the dark. Besides, I was influenced by the example of a very polite Frenchman, who, after listening to a story related by a friend, said: "If you say you have seen it, I will believe it, but I would not believe it if I had seen it myself."

Mr. Worthen.—You will find in Perkins's treatise on hot water, he states, as a particular fact, that the pipes get red-hot.

Mr. W. J. Baldwin.—Mr. Perkins provides an expansion-tank; he expands into the tank all the steam that is formed, so that the pressure on the water in the apparatus is elastic, the circulation goes on below it.

Mr. Worthen.—Suppose it did not circulate, would it get red-hot?

Mr. W. J. Baldwin.—Yes, sir.

TRADE SURVEYS

The liquidating process heretofore referred to is going along quietly and smoothly. The greatest security against possible disasters or serious dangers is the general apprehension existing upon all sides, and the strenuous efforts which are being made by business men in all avenues to guard against evils. This anxiety is a good thing. It would be well if it could be continued as a checking or conservative factor. The constant danger to which business men of the United States are threatened is to overdo business, to crowd production too rapidly, to build too many houses and give too long credits; in short, to strain at every point where business is to be made or advantages over competitors to be secured. It is true that commercial failures are not running much ahead of the limit last year. A careful study of the failures reveals the fact that they are occurring about where they ought to; in other words, the failures are doing good rather than harm. These failures are proving to the business world that it is useless to try to push business beyond certain limits. A variety of favorable influences can be detected in the business world; among the most patent is the diminution in the outflow of gold, which is being harped upon by all financial writers. The harm of the outflow was not as great as predicted, nor is there that advantage in the stoppage of it that is supposed. All appear to agree that there will be an early and voluminous return of gold. Even if so, there will be no particular advantage in this, excepting to the extent that this return strengthens confidence. One weak spot in our American business affairs is that confidence is too easily unsettled, and is unsettled where there is no occasion for it. A certain amount of consumption in the aggregate can be relied upon every year, and goods and merchandise must be manufactured and sold to cover these requirements. The ebbs and flows and ups and downs of trade have really very little to do with actual trade conditions. If business is not done this week or this month, it will be done next week or next month. The deficit in business in the past six months will probably be compensated for during the next six. Railroad returns of net earnings from 135 roads for April show an increase of about three and one-half per cent over April last year, and April last year showed an increase of fifteen per cent over April of the preceding year. This statement goes very far to contradict all the bearish predictions and reports that fill the financial columns of metropolitan papers. While there is constant danger of stringency and overproduction, the danger is really not as imminent as the sensational financial writers make it appear. They must have something to write about, and frequently exercise their wits in speculative vaporings about nothing. The real danger to which the country may be subjected is not considered; it will be time enough to consider it when that danger is at our doors. Foreign financiers have spoken of it often enough. American managers of financial interests have ignored these possible dangers all along. The general business of the country is in pretty good shape for the latter part of June. The strong feature is the great activity in the little industries all through the country. There is a wonderful industrial activity in nearly all sections of the South. The very latest reports from cotton manufacturing centres show that the makers of cheap cotton goods have been booking heavy orders. The promoters of new cotton-mill schemes feel greatly encouraged, and those who are familiar with this line of business state that there is at this time more projected cotton-mill building than even last year. Those who are investing their money in this direction are prudent and experienced business men, and they say that the capacity of the South and the advantages of the South as a cotton-manufacturing centre have never been fully estimated. It is understood that a number of Northern textile manufacturers are considering plans for the erection of textile mills to manufacture higher grades of goods than have yet been made in the South. The other industries of the country are safe. Production in all lines is in the limits of market demands. With the turn of the half-year there will be a general improvement in demand, for two reasons: first, because stocks have been permitted to run down low, and second, because builders, manufacturers and managers generally have finally made up their minds to push ahead. The latest reports from the iron trade are rather encouraging. From the lumber interests the news is not particularly bright, but that industry will come out all right a little later. The agricultural West is full of heart and hope over big crops and good prices.

S. J. Parkhill & Co., Printers, Boston.

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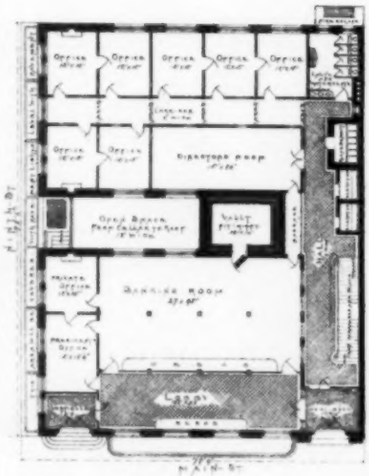
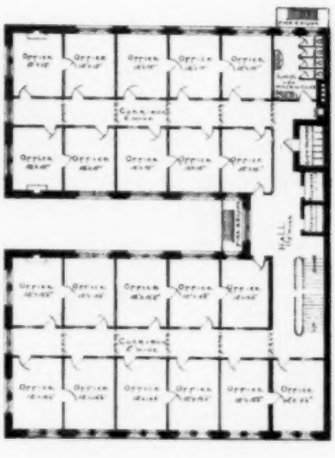
COMPETITIVE—DESIGN
CHAMBER—OF—COMMERCE
RICHMOND—VIRGINIA

COMPETITIVE—PLANS—CHAMBER OF COMMERCE—RICHMOND—VIRGINIA

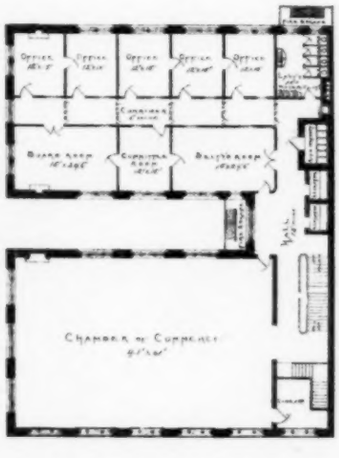
M. J. DIMMOCK
ARCHITECT



FIRST FLOOR PLAN



SECOND FLOOR PLAN



FIFTH FLOOR PLAN

HELIOTYPE PRINTING CO. BOSTON.

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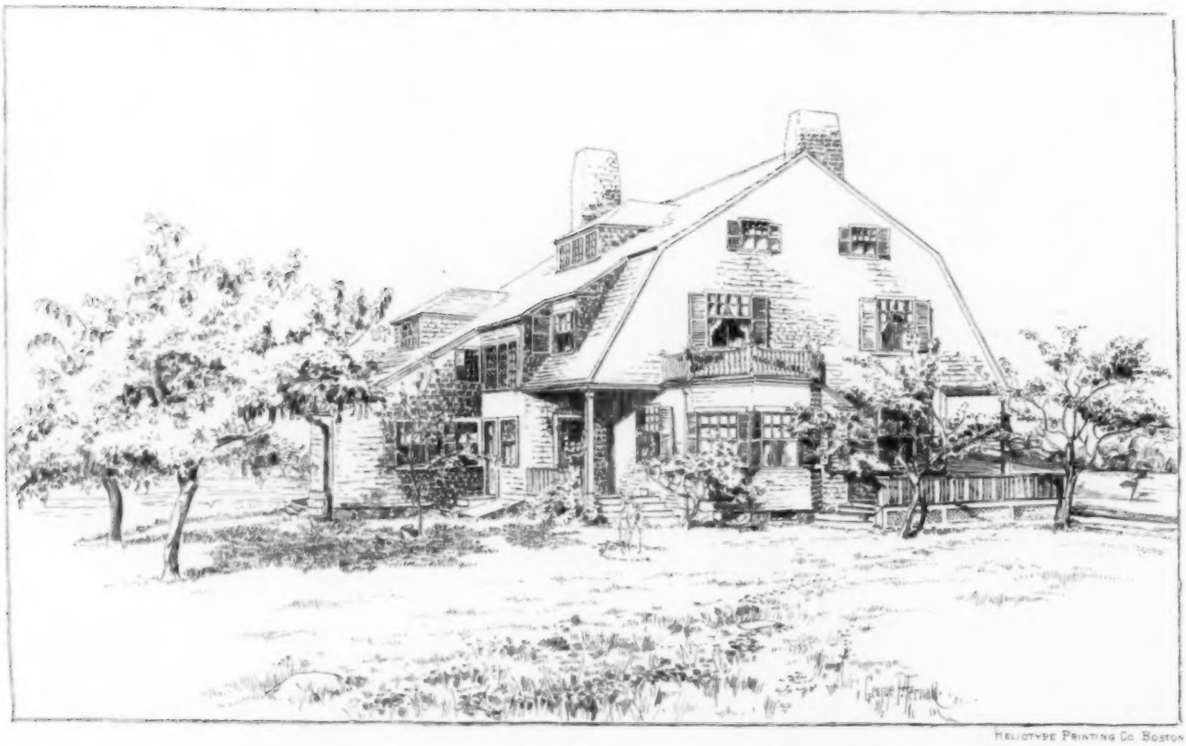
RESIDENCE FOR GEORGE P. HOWLETT ESQ. WEST NEWTON, MASS.
C. HERBERT McCLARE. ARCHITECT. CAMBRIDGE, MASS.



HELIOTYPE PRINTING CO. BOSTON

HOUSE AT SWAMPSCOTT MASS. BUILT 1888 LITTLE & BROWNE ARCHITECTS BOSTON

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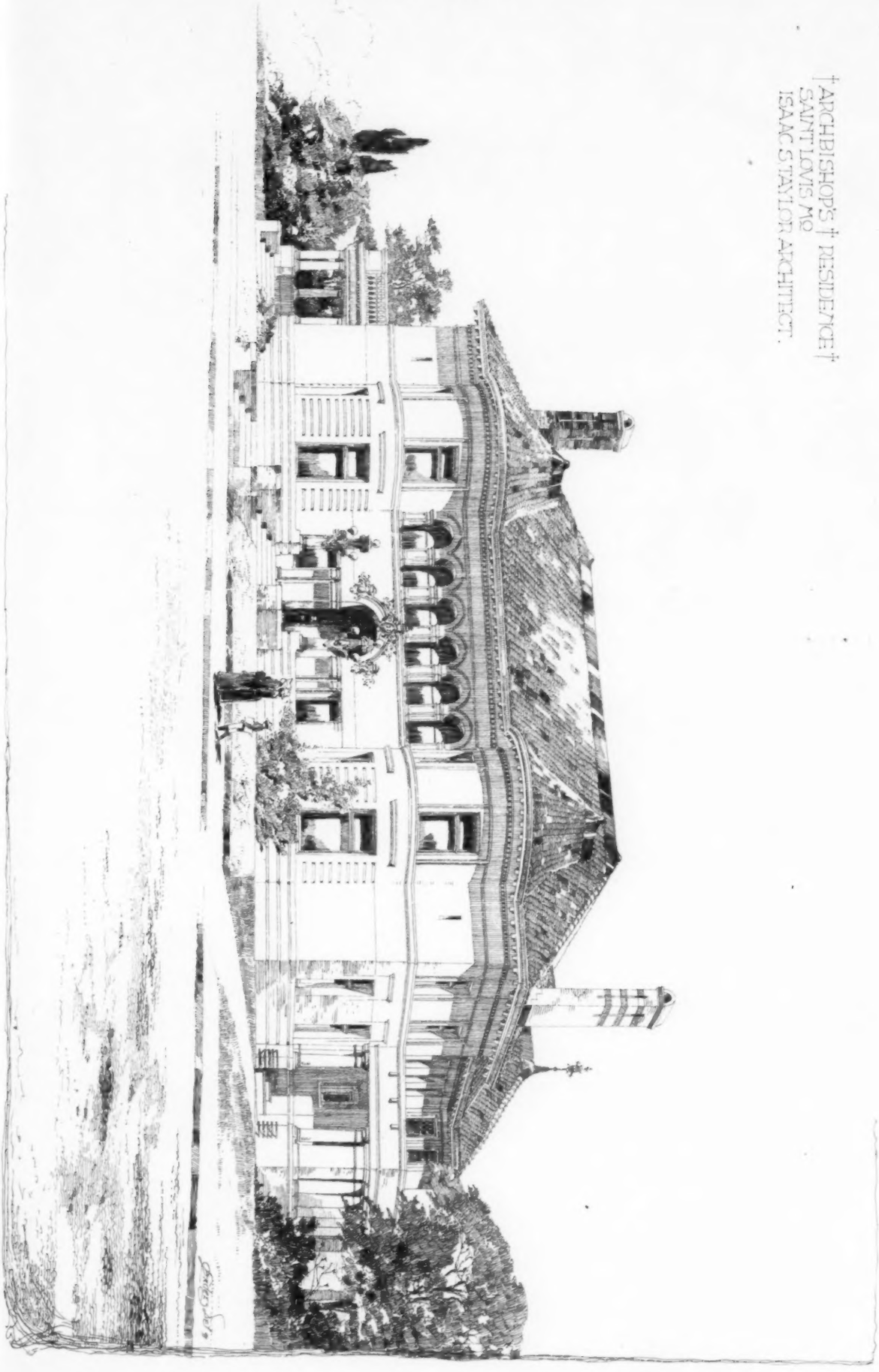
†ARCHBISHOP'S † RESIDENCE †
SAINT LOUIS, MO
ISAAC S. TAYLOR ARCHITECT.



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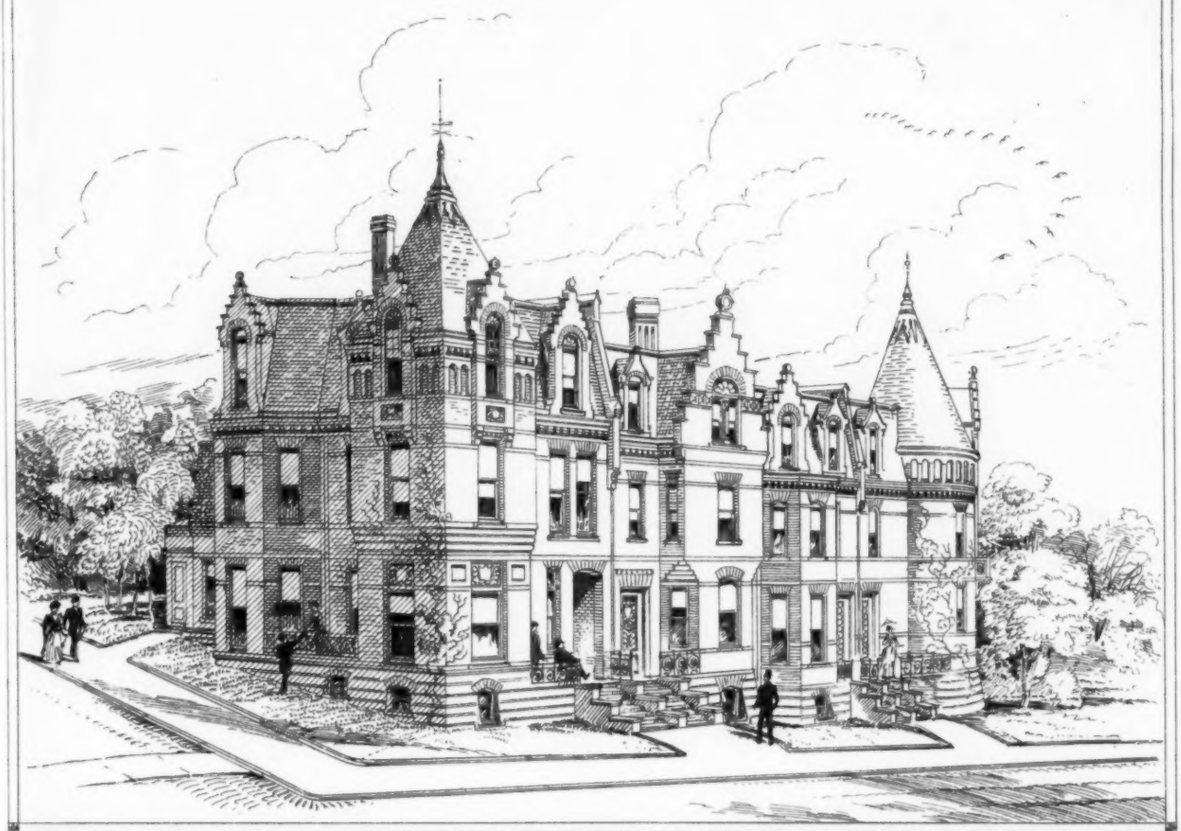
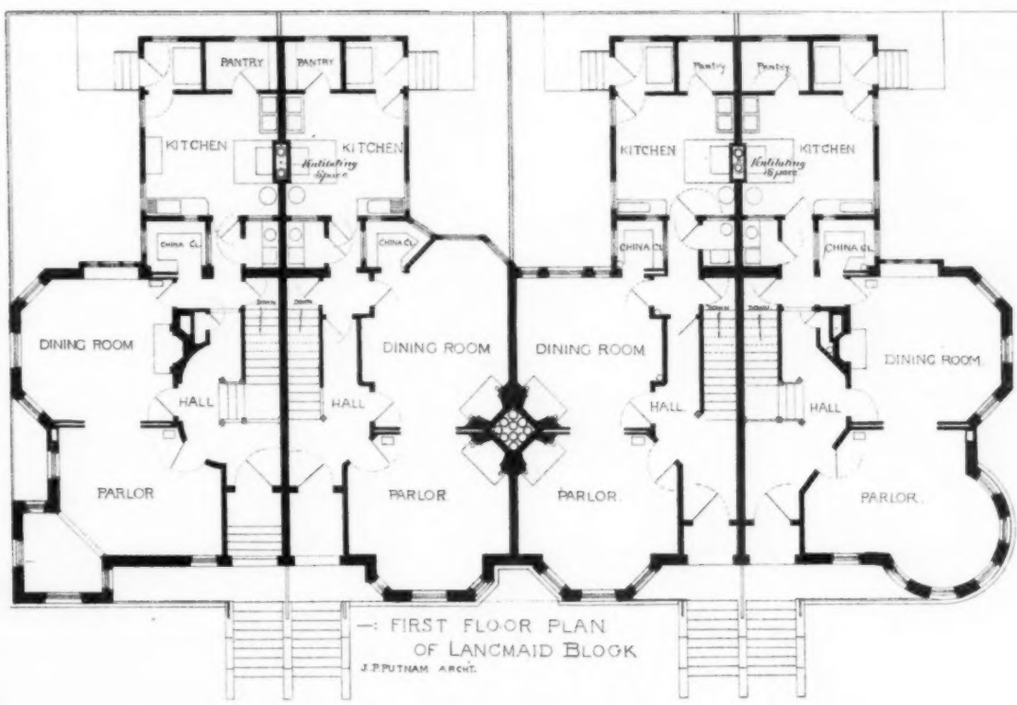


FOUR · HOUSES · FOR THE · HEIRS · OF S. P. LANGMAID · ESQ — SOMERVILLE · MASS

J. Pickering Putnam. ARCHITECT. BOSTON.



— FIRST FLOOR PLAN OF LANGMAID BLOCK

J. P. PUTNAM. ARCHT.

HELIOTYPE PRINTING CO. BOSTON.

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• RESIDENCE • FOR • OREN • SCOTTEN • ESQ •
• DETROIT • MICHIGAN •

• JOHN • SCOTT • & • CO. • ARCHITECTS •
• DETROIT •• MICHIGAN •

HELIOTYPE PRINTING CO. BOSTON.

BOSTON PHOTOGRAVURE CO.

H. S. FRAZER, ARCHITECT.

Other combinations of Creosote Shingle Stain effects can be obtained from SAMUEL CABOT, Boston.

All packages bear my trade-mark. Beware of worthless and dangerous imitations.

TRADE "CREOSOTE." MARK.

• SAMUEL CABOT, •

INVENTOR AND SOLE MANUFACTURER OF

Creosote Wood Preserving Stains,

Patented April 29, 1884.

OFFICE, 70 KILBY STREET.

BOSTON, May 27, 1891.

Editor "AMERICAN ARCHITECT,"
Boston, Mass.

DEAR SIR:

It is now over ten years since we first advertised in your paper. We think it, therefore, a suitable time to acknowledge frankly that we date the beginning of the present very large demand for our stains from that advertisement.

Yours truly,

SAMUEL CABOT.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 106. SATURDAY, APRIL 4, 1891. Volume XXXII. No. 797.

THE "FLORIDA" HOT-WATER HEATER FOR SOFT COAL — SURFACE BURNER.

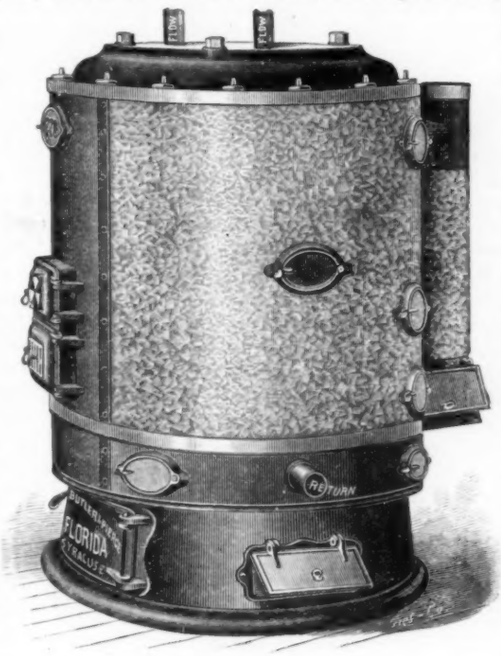
Below are illustrations submitted to our readers by the Pierce, Butler & Pierce Manufacturing Company, Syracuse, N. Y., makers of the popular Florida Heaters, of their latest and most excellent device, which will be known as the "Florida" Surface-Burning Hot-Water Heater.

This Company has now completed a line of heating apparatus that is already known throughout the world, and has attained that degree of popularity which is certainly enviable, and which is very gratifying to the manufacturers of the Florida Heater.

The subject of this illustration is a construction worthy of the notice of those having dealings in such goods, and its merits should be examined particularly by the inhabitants of those regions where soft coal is a natural product and can be obtained at such low cost, as this heater is specially designed for the use of soft coal. At the same time it gives most perfect results when being used with any other kind of fuel. Fully realizing the nature of soft coal and the requirements of a heater, which is to be used with this class of fuel, we have placed before the public, a construction that is most complete; that has all the most modern improvements and attachments; a heater whose parts can all be thoroughly cleaned in a very

Section of the Florida Hot-Water Heater.

short space of time, and one which the user will find handy, simple and exceedingly easy to take care of. The principle of circulation in this heater, when investigated, will be found to be the correct one, the flow of the water being easy and very rapid. The water-ways are large, and the sections are so completely and effectively enveloped in the products of combustion that the water before reaching the



Florida Hot Water Heater.

flow-pipes gets the full benefit of the fire, and not a particle of fuel is wasted. An examination of the section here shown quickly convinces one that the surfaces of this heater must be most powerful and effective, and that the best results can be obtained from such a construction.

Speaking generally of Florida Heating Apparatus, we are now ready to supply anything that may be required in this line. We have four price-lists, and have altogether sixty-seven sizes of heaters, those for steam carrying as high as forty-two hundred square feet of radiation; for hot water, seventy-three hundred feet. Our double-heaters and Heavy Duty heaters are certainly worthy of much praise. They are the only design of the kind in the market, and they have rapidly been adopted by the trade throughout the country, and are being specified by the leading architects. They are made as a substitute for the wrought-iron tubular boilers, and the demand for them has been great. They present a beautiful appearance: contain fine workmanship and materials, and take up but a small amount of space in a cellar; they can be handled by two men; can be taken into any building without special provision being made, and can be set up ready for piping in a short time; they have heavy galvanized-iron jackets lined with asbestos. The great demand for the double heaters has clearly shown how much they are liked, and they are giving excellent satisfaction wherever they are in use.

We are more fully prepared this year than ever before to fill orders. We have fine offices established at New York and Chicago, and will be glad at all times to aid our patrons in drawing up specifications or plans for heating apparatus, or giving them any information relative to steam or hot-water heating that they may desire.

PIERCE, BUTLER & PIERCE MFG. CO.,
SYRACUSE, N. Y.

INFLAMMABILITY OF WOOD.

It is, perhaps, not generally known that several methods of preserving wood against slow combustion, which is ordinarily called decay, also diminish its destructibility in the quick combustion commonly called fire. This has been frequently illustrated in the many fireproof paints, which owe their value mainly to chloride of zinc. Chloride of zinc, as is generally known, is the material used in the process of preserving wood called "Burnettizing," so that burnettized wood is materially less inflammable than ordinary unprepared wood.

The same is true of *creosoted* wood. Not long ago a mill in which a single floor had been creosoted was burned. The floor in question fell to the ground after the walls had burned out, we believe, and at the end of the conflagration was found only charred. The same experience was repeated at a large creosoting establishment in the neighborhood of New York, where the derricks that were uncreosoted were quickly burned to ashes, while those that had been creosoted were simply charred on the surface, and were not rendered unfit for use.

A still more recent instance was the burning of a factory close to a barn, in Youngstown, O., on which there had been creosote stains, and also, on a part, some paint. It was noticed, after the fire, that the barn had been almost charred through where unprotected, and where covered with paint had been

stripped and also charred, but that the creosote stain was left in almost exactly the condition in which it had been when first applied. The cause of this appears to be the evaporation of the heavy oils contained in the creosote, and the consequent cooling of the wood underneath preventing its rising to the temperature of combustion. It also forms a gummy substance, which only chars on the surface. This result would hardly have been predicted in a case where a material of this kind was simply applied in the process of staining, and nothing but ocular demonstration would have convinced any chemist that such a result could be obtained.

SAMUEL CABOT.
70 Kilby Street, Boston.

SWEZEY'S IMPROVED DUMB-WAITER.

Durability, safety and increased power, by multiplicity of pulleys, are three points characteristic of Swezey's improved dumbwaiters, with automatic catches, for any size shaft with one or several openings at each story. The sides and shelves of the car of this dumb-waiter, are of butternut, and the back pine, thoroughly coated with shellac. It has three shelves. The guides are made of hard maple, well filled with lard-oil and screwed to the sheathing, thus providing against undue friction. The one-half-inch hoisting-rope runs over double pulleys at top and bottom. The balances are all properly adjusted, and rubber bumpers prevent breakage. The case is held in position, at each story by Swezey's automatic dumb-waiter catch, which is the best article for the purpose in use.

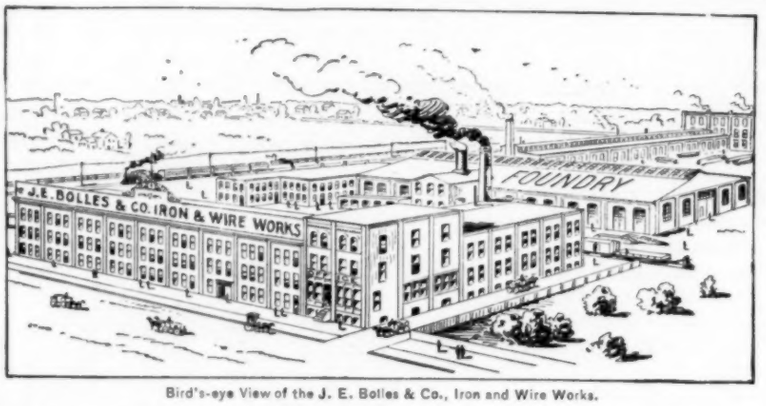
The Swezey's Improved Dumb-waiter has been in the market many years, and there must be much to recommend in an apparatus used so frequently and continuously in thousands of buildings erected in every part of the United States without a reasonable complaint against it. It remains in order, runs easily and is guaranteed to give satisfaction. It is for special use in dwellings, flats and apartment-houses, stores and factories, and also to connect the basement floor with the kitchen and reception-rooms now found in the plans of all modern churches. It is highly recommended by leading architects, builders and house-owners. Many testimonials, voluntarily offered, attest its excellent service for years, with little attention and few repairs. Like all good articles, firmly established, it is basely imitated, and the public are cautioned to see that they really get the old reliable "Swezey's Improved Dumb-waiter with Automatic Catch" — manufactured by M. B. Swezey at 120 Twentieth Street, Chicago, Ill. Mr. Swazey supplies these dumb-waiters and adjusts and guarantees them for the prices named in his catalogue, which will be mailed upon application, and the mention of this paper.

M. B. SWEZEY,
Chicago, Ill.

J. E. BOLLES & CO., IRON AND WIRE WORKS.

In January, 1882, Mr. J. E. Bolles, opened a small factory at No. 82 West Woodbridge Street, with a handful of assistants and a capital described by himself as "limited." In 1884 he associated with himself Mr. E. H. Chamberlain, under the firm name of J. E. Bolles & Co. They added first one and then another adjoining house, but in 1887 their business, had outgrown their old quarters, absolutely compelled their building the extensive works on River Street. The area of the River Street premises was 75 feet (frontage) by 250 feet depth.

Thus located they found more encouragement than ever in their largely augmented business transactions, and were, in fact, contemplating fresh extension of the premises when the building of the Fort Street Union Depot necessitated another change. Wisely the firm selected the site on Second Avenue and the railroad crossing, with a frontage of 250 feet on Second Avenue and 240 feet on the railroad, with a spur track from the M. C. R. R. running through the centre of the yard the entire length of the buildings, thus giving the best facilities for receiving and shipping. On this site they have erected their present factory, which consists of a two-story brick building extending along the whole line of their frontage and a depth of nearly 120 feet.



Bird's-eye View of the J. E. Bolles & Co., Iron and Wire Works.

During the spring, which is now at hand, they will erect extensive office buildings, and in the rear of their factory a foundry. They will thus be provided with the best facilities for the manufacture of their particular specialities with the least possible cost of production.

The whole of the basement of the new factory is occupied by storage stock, such as sheet-iron and heavy materials and castings, etc. On the first floor is the main workshop. On this floor is the iron room and blacksmith shop (60 x 60 feet).

On the second floor is the department for light work and for wire, brass and metal work, bank railings, office fixtures, etc. On this floor is the brass room for electro-plating, 20 x 70 feet, and pattern room, 60 x 60 feet. The temporary office is also located on this floor.

Some idea of the extent of the premises may be gained from the fact that there are no less than 36,000 square feet of floor surface. The flooring is everywhere of double thickness of pine, and 3-inch hard-maple top.

The business of the firm is extensive. They have recently completed a large amount of ironwork for the Tampa Bay Hotel, Tampa, Fla., and their business connections may be said to extend from Maine to California. Outside the States they have recently completed orders for Honolulu, Jamaica, South America and the West Indies.

The officers of the company consist of J. E. Bolles, president; Horatio Barr, vice-president, and E. H. Chamberlain, secretary and treasurer. About 100 men are employed in the factory, but when the building is completed it is expected that over 200 men will be necessary.

J. E. BOLLES & CO.,
Detroit, Mich.

FORTY YEARS AGO TO-DAY.

The Pioneer Newspaper Advertising Agency of S. H. Parvin's Sons was established in Cincinnati on the 27th of March, 1851, forty years ago. It has kept pace with the advancement of civilization and the demands of the times. From a small beginning the business has gradually grown into one of immense proportions, having unlimited credit with the entire newspaper press of the United States, Canada and foreign countries.

One noticeable feature is the fact that during all these years having maintained a high standard of integrity, the Parvin Agency have, through fair dealing, gained the confidence and good will alike of both advertisers and publishers, thus enabling them to secure for their many patrons the most favorable consideration at the hands of publishers.

The success of such a reliable firm is chronicled with pleasure. The Parvin Agency, infused with the spirit of progressive men of experience, and a thorough knowledge of the advertising field, has gained for them a world-wide reputation and produced fortunes for many of their customers.

After forty years of creditable business experience in the field of advertising, the firm of S. H. Parvin's Sons deserve the hearty and cordial recognition, as well as congratulations of the entire press of the country. — *Cincinnati Enquirer, March* 27, 1891.

NOTES.

The Baltimore Blind & Awning Company manufacture a very ingenious and useful article, which only needs to be seen, to be appreciated.

Embracing all the best features of an awning and blind combined, it is at the same time neat and attractive in appearance, excellent in workmanship, and easily manipulated.

Wherever it has been tried it is said to have met with unqualified approval.

A method of book-keeping so thoroughly simple as to require no copying of entries from one book to another, showing all accounts posted every day in the year, used in any business, large or small, reducing all labor to the minimum, will be of interest to every one.

These are reasons why West's Original-Entry Ledger is spoken of so favorably by those who are using it.

Write Wolcott & West, Syracuse, N. Y., enclosing three 2-cent stamps for 16-page illustrated pamphlet, testimonials, price-list.

On April 1st, the Joseph Dixon Crucible Co., of Jersey City, N. J., will begin the erection of new and handsome offices, three

stories high on a newly purchased lot 100 by 25. They are in the market for improved equipments that will increase office convenience and generally facilitate their enormous and rapidly growing business.

Their present offices will be used for factory purposes together with a new addition 100 by 100, four stories high.

JOSEPH DIXON CRUCIBLE CO.,
JERSEY CITY, N. J.

THE Globe Iron Roofing & Corrugating Co., of Cincinnati, O., have now ready their new Illustrated and Descriptive Catalogue for 1891. This book should be in the hands of all architects, roofers, railroad purchasing agents, contractors and builders, as it is the largest and most complete issue ever made in this line, containing complete information relating to their "Steel Standing Seam Roofings," Corrugated Sidings, Ceilings, Wainscoting, etc., both for exterior and interior application.

Write to us for catalogue, estimates and prices.

GLOBE IRON ROOFING & CORRUGATING CO.,
CINCINNATI, O.

IN as much as our Interior Conduits are being largely used for purposes for which they are not designed, we have been compelled to carefully compile a specification for the purpose of enabling architects, builders and owner to intelligently comprehend the many advantages enjoyed by our system and to call for the bids upon their work, with the full assurance that they will secure all the advantages of the system. We will request all to whom we may send this specification, in the interest of themselves, their clients, and our own good repute to make no changes in it without the courtesy of any inquiry of us as to what their effect will be. We assure them that we will either approve the changes suggested or give convincing reasons for not doing so. We trust this specification will be the means of securing better, safer and more thoroughly satisfactory electric light wiring for the ever increasing patrons of the art.

INTERIOR CONDUIT AND INSULATION CO.
16 & 18 BROAD STREET, NEW YORK, N. Y.

A FINELY illustrated 200-page general catalogue of Blowers, Heating and Drying Apparatus, Portable Forges, Engines, etc., has just been issued from the B. F. Sturtevant Co., Boston, Mass.

It is devoted principally to the general line of goods and method of introduction, as special catalogues are published relating to the different departments of work. The value of the catalogue to engineers is well voiced in the "Introductory" from which we quote

"The first comprehensive and authentic tables and diagrams relating to the action of air under pressure, and to the speeds, pressures, capacities and powers required upon all classes of blowers were published in our celebrated catalogues of 1870 and 1873. The information and tables therein contained have formed the basis of all computations upon the movement of air by fans and have been extensively copied, but not originated, by other manufacturers. The constant demand by engineers for these tables has led to their careful revision and the introduction of much new material and they are here presented as the only authentic data published relating to fan blowers."

The catalogue bears marked evidence of the prosperity of this concern and of its thorough acquaintance with the branch of engineering in which it leads.

CLEVERDON & PUTZEL, Architects, 529 Broadway, New York City, write as follows to

MR. J. K. COMBS, Manager, Central Expanded Metal Co., No. 67 Reade Street, New York, N. Y.

Dear Sir,—It gives us pleasure to report to you the result of a test of your Expanded Metal Lath, made on November 21, 1890, in this city.

The test was undesired, unexpected, and very severe, but none the less satisfactory, showing the value of your lath at a time and place where most needed, and placing its fireproof features beyond mere theory into the realm of demonstrated reality. The fire was the result of an accident, and occurred in the fine six-story building, Nos. 115, 117 and 119 Prince Street, erected from plans made by ourselves, the walls of which are made of brick, and the floors of wood joist covered with yellow pine flooring. The ceilings are lathed with your lath, coated with lime mortar. The building was plastered throughout, and awaited the operations of the plumbers and gas-fitters. The workmen had gathered into one of the rooms on the second-story their materials for this purpose, consisting of rolls of lead pipe, jute, hemp, rosin, etc. A fire broke out in the night in this material, consuming the entire contents of the room, including lumber and rolls of lead pipe, the latter being reduced to a liquid, which spread over the floor. Pieces of this shapeless mass have been sent to your office.

The point of all this is, that although the heat was sufficiently intense to do as we describe, the fire was confined to the room in which it originated, and the plaster unaffected by the heat. There was no expansion to break the keys or cause it to crack or fall. Neither were the keys affected by the water, which was afterwards thrown on in large quantities.

We have no hesitation in saying that your lath was the means of preserving our building and preventing the fire from passing from one floor to another, and thus destroying it.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

HOUSES.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,800; owner, Jno. Mumpton; contractors, W. & J. Atkinson.

Two-st'y brick dwell.; cost, $5,500; owner and contractor, B. M. Proetz.

Two-st'y brick dwell.; cost, $2,500; owner, J. Simm; contractors, Hetz & Hohenstein.

Two-st'y brick dwell.; cost, $5,000; owner and contractor, Wm. Scown.

Three-st'y brick dwell.; cost, $5,000; owner, J. Rauer; contract, sublet.

Two-st'y brick dwell.; cost, $3,500; owner, T. F. Ferry; contractor, Henry Duffner.

Two-st'y brick dwell.; cost, $3,800; owner, J. Reisch; contractor, J. Wilkinson.

Two-st'y brick dwell.; cost, $5,000; owner and contractor, A. Carey.

Two-st'y brick dwell.; cost, $3,000; owner, A. Dauer; contractor, J. Flynn.

Two-st'y brick dwell.; cost, $3,000; owner, J. Ladio; contractor, J. Mathiesen.

Two-st'y brick dwell.; cost, $3,500; owner and contractor, M. A. Moran.

Two-st'y brick dwell.; cost, $5,000; owner, T. S. Gerhardt; contractor, A. Riedisser.

Two-st'y brick dwell.; cost, $3,000; owner, Chas. Noak; contractor, A. Riedisser.

Three-st'y brick dwell.; cost, $4,000; owner, H. Koedding; contractor, B. Stock.

Two-st'y brick dwell.; cost, $2,500; owner, Jno. Pokopki; contractor, B. Stock.

Two-st'y brick dwell.; cost, $4,500; owner, N. Little; contractor, H. F. Beinke.

Two-st'y brick dwell.; cost, $4,500; owner, Mrs. C. Helmers; contractor, J. J. McMahon.

Two-st'y brick dwell.; cost, $4,500; owner, Mrs. W. Veorstey; contractor, J. J. McMahon.

Two-st'y brick dwell.; cost, $2,500; owner, B. Jordan; contractor, F. Garstenberg.

Two-st'y brick dwell.; cost, $3,000; owner, M. Drotzske; contractor, J. Fisher.

Two-st'y brick dwell.; cost, $2,500; owner, M. Schmidt; contractor, E. Paulus.

Two-st'y brick dwell.; cost, $15,000; owner, Mrs. M. Phelps; contractors, J. W. Barnes & Co.

Two-st'y brick dwell.; cost, $3,500; owner, C. Schierholz; contractor, H. Shiltmann.

Two-st'y brick dwell.; cost, $3,000; owner, F. C. Beiber; contractor, W. E. Craig.

Two-st'y brick dwell.; cost, $3,900; owner, J. Lesetieky; contractor, J. W. Horper.

Two-st'y brick dwell.; cost, $2,600; owner, J. Zickan; contractors, Hetz & Hohenstein.

Two-st'y frame dwell.; cost, $3,800; owner, Dr. G. P. Holmes; contract, sublet.

Two two-st'y brick dwells.; cost, $5,000; owner and contractor, F. Theleman.

Seven two-st'y brick dwells.; cost, $25,000; owners and contractors, Stewart & Jones R. E. Co.

Twenty-three two-st'y brick dwells.; cost, $71,000; owner and contractor, J. J. Biszant.

Two-st'y brick dwell.; cost, $20,000; owners, Kilgen & Rule; contract, sublet.

Two-st'y brick dwell. and workshop; cost, $3,000; owner, J. H. H. Gay; contractor, J. S. Pantou.

Three-st'y brick dwell. and store; cost, $9,000; owner, E. C. Jamesen; contractor, J. H. Remmers.

Two-st'y brick dwell. and store; cost, $5,000; owner, A. Himelsbach; contractors, A. Uhrie & Son.

Two-st'y brick dwell. and store; cost, $3,800; owner, W. E. Chapman; contractors, Eggleston & Folk.

Three-st'y brick dwell. and store; cost, $7,000; owners, Schnelder Bros.; contractors, Vosse & Buxton.

Two two-st'y brick dwells.; cost, $7,500; owner, F. W. Teutenberg; contractor, S. De Lille.

Worcester, Mass. — *Harlem St.*, three-st'y frame dwell.; owner, D. Connolly; contractor, J. T. Gallagher.

OFFICE-BUILDINGS.

New York, N. Y. — *Maiden Lane, Nos.* 21-23, eight-st'y brick office-building, terra-cotta, concrete and gravel roof; cost, $100,000; owners, Frank K. and Wm. H. Hayes, 1 West Thirtieth St.; architect, J. R. Thomas, 160 Broadway.

SCHOOL-HOUSES.

Baltimore, Md. — Resolution appropriating $21,000 for site and building for "Annex" School No. 11 is before the City Council.

Trustees of Asbury Methodist Church will build three-st'y brick school-house, s e cor. East and Douglas Sts.

Detroit, Mich. — E. Candler, brick schoolhouse, 555 East Fort St., for the city of Detroit; cost, $15,000.

Frostburgh, Md. — School building to cost about $20,000 will probably be built.

Henrietta, Tex. — It is reported that a school building to cost about $30,000 will be built.

STABLES.

Boston, Mass.—*Williams St., rear*, near Washington St., Ward 23, two-st'y frame stable, flat roof; 26.4′ x 20′; owner, Thos. Minton.

Medford St., No. 331, Ward 4, two-st'y frame stable, flat roof; 72′ x 30′; owner and builder, A. M. Richards.

Garden St., rear, near Brown Ave., Ward 23, frame stable and carriage house, 20′ x 24′; owner, George Moffette, Jr.

Erie St., rear, near McClellan St., Ward 24, one-st'y frame stable, pitch roof, 40′ x 28′; owner, J. C. Thornton; builder, E. H. Bowman.

West Eagle St., No. 66, *rear*, Ward 1, frame stable, 30′ 15′; owner and builder, C. F. Young.

Westmoreland St., rear, near Berkshire St., Ward 24, three-st'y frame stable, hip roof, 35.6′ x 45′; owner, Mrs. A. A. Mosely; builder, I. W. McGregor.

Harris Ave., Nos. 3 and 5, Ward 23, three-st'y brick stable, flat roof, 54′ x 70′; owner, J. D. Fallon; builder, J. J. Flynn.

Cohasset St., No. 14, *rear*, Ward 23, one-st'y frame stable, 23′ x 28′; owner, Ernst Gerhardt; builder, P. Sneider.

Humboldt Ave., rear, near Homestead St., Ward 21, frame stable, 24′ x 35′; owner, N. P. Ryder; builder, R. B. Plummer, Jr.

Brookline, Mass.—*Buckminster Road*, frame stable, 27′ x 42′; owner, J. W. Dunklee; builder, Henry H. Hunt of Newton Centre; architect, E. A. P. Newcomb, Boston.

Chicago, Ill. — P. Sanders, four-st'y barn and flats, 1312-1314 Wabash Ave.; cost, $4,500.

W. A. William, two-st'y barn, 1077 West Adams St.; cost, $1,000.

E. E. Nihlen, four-st'y stable and flats, 34 North Ashland Ave.; cost, $10,000.

Worcester, Mass. — *Hooper St.*, one-st'y frame stable; owner, J. Bjorkman; contractor, L. M. Peterson.

TENEMENT-HOUSES.

Boston, Mass.—*Prince St., No.* 106, Ward 6, four-st'y brick tenement, flat roof, 34′ x 40′; owner, M. Slattery; builder, John Kelly.

Sumner St., Nos. 70-72, Ward 2, four-st'y brick tenement, flat roof, 40′ x 80′; owner, L. Goldenburg.

Worcester St., Nos. 114-120, Ward 18, 3 four-st'y brick tenements, flat roofs, 40.7′ x 99′; owner, Asher Batshesky.

THEATRES.

Philadelphia, Pa. — *Broad St.*, s e cor. Locust St., theatre, modernized Moorish style; owner, John M. Sharp, 1936 Smith College Ave.

WAREHOUSES.

New York, N. Y. — *Greene St., Nos.* 222-224, six-st'y brick and stone warehouse; owner, James G. Wallace.

Philadelphia, Pa. — *North Broad St., No.* 2730, one-st'y shop and storehouse; contractor, O. A. Guenther, cor. Sedgley and Diamond Sts.

Jasper St., e s, s Somerset St., shop; contractor, Henry Lente, 2533 Kensington Ave.

MISCELLANEOUS.

Boston, Mass. — *Poplar St.*, cor. Corinth St., Ward 23, two-st'y frame hall and store, flat roof, 29′ x 50′; owner and builder, W. H. J. Stone.

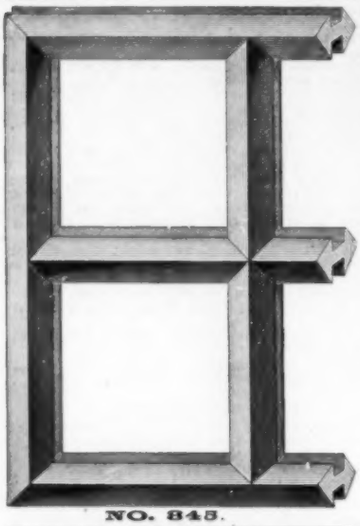
High St., No. 142, cor. Hartford St., Ward 12, six-st'y brick mercantile building, flat roof, 73.7′ x 125.3′; owner, A. G. Weeks; builders, Norcross Bros.

Centre St., cor. La Grange St., Ward 23, three-st'y frame dye-works, flat roof, 70′ x 100′; owners, The F. P. Robinson Co.

Dorchester Ave., cor. Park St., Ward 24, one-st'y frame car house, 152′ x 349′; owners and builders, W. E. St. R. R. Co.

Providence St., near Park Square, Ward 11, two-st'y brick building, 16′ x 32′, for mechanical purposes; owners, Trustee Tufts Co.; builder, J. McLaren.

Brooklyn, N. Y.—The revised plans of Architect Daus for the new Thirteenth Regiment Armory in Brooklyn, have been adopted. On these it is estimated that the building will cost $281,309. The commission has $300,000 to spend on it. The masons' and carpenters' bids will also have to be scaled down. Architect Daus' original plans called for an expenditure of over $408,000.



NO. 845.

BRASS SASH MOULDING.

Brass Sash Moulding for Bevel Glass is used for panes from 2 to 12 inches square, or any size of glass not greatly exceeding these dimensions.

Is used for Screens, Partitions and Windows in Dwellings, Banks and Public Buildings.

Is strong for the purpose of its use, is highly finished, and gives a rich mediæval appearance to place where applied.

Other sizes and shapes made to order.

J. B. SHANNON & SONS,

1020 Market Street,

Philadelphia.

AN ANCIENT MYTH

Furnishes our trade-mark and the names of the elevators we build. But there is

NO MYTH

about the economy, durability and power, and the smooth and noiseless operation of our

ATLAS

Hydraulic Elevator, and while we do not claim that it

LIFTS THE EARTH

we do believe it is destined to elevate great numbers of the inhabitants thereof and their goods.

Please send for circular and allow us to submit estimates.

SPRINGFIELD FOUNDRY CO.,

Springfield, Mass.

Equitable Building, New York. Mason Building Boston.

The Economy Hot-Water

COMBINATION HEATER.

A Perfection for warming Residences, Churches, Schools, Banks, Stores, etc.

REQUIRES

Less Radiation than any all-hot-water heater manufactured.

PROVIDES

Perfect Ventilation by means of warm-air pipes from heater.

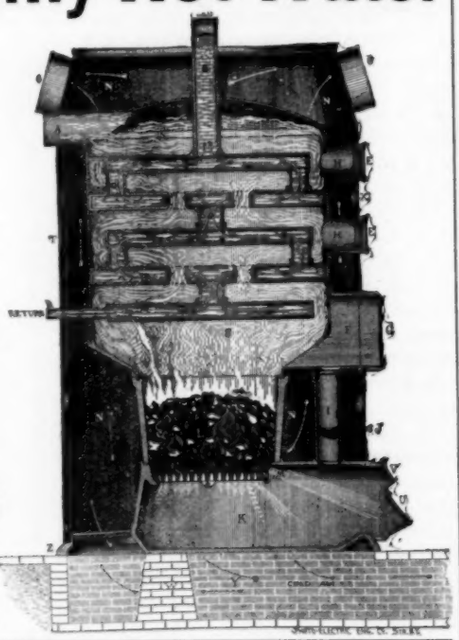
Write for Catalogue,

Large Illustrations, Descriptions, Prices, etc.

J. F. PEASE FURNACE CO.,

SYRACUSE, N. Y.

New York, Boston, Chicago, Harrisburg, Toronto.



Something New for the Stable.

Read's Patent Harness Bracket.

An Article long wanted but never before made.

Holds the whole harness, takes no more room than the ordinary hook or peg, can be used for both single and double harness. Gives the harness-case a neat appearance, as it carries the harness up uniformly in width with the saddle, beside keeping the bridle and breastplate in their proper shape. They are neatly japanned, with gilt facings. Price **$18** per dozen. Are now in use in over 100 first-class private stables in and about Boston.

Each bracket lettered **"J. J. Read, Boston, Mass."** For sale by dealers everywhere.

Indorsed and approved by the following named gentlemen, all of whom have them in use:

Boston: R. H. White, J. Montgomery Sears, J. T. Morse, Jr., Thos. Motley. South Boston: Benjamin Dean. Cambridge: F. A. Kennedy, John Bartlett, Chas. H. Gass. Portsmouth, N. H.: Hon. Frank Jones. Milton: Col. H. S. Russell, J. Malcolm Forbes. Dedham: A. W. Nickerson. Baltimore, Md: J. D. Mallory. Newton: J. C. Potter, C. E. Billings, A. R. Mitchell. Waltham: J. H. Ellison. Readville: C. G. White. Beverly: Dr. Chas. Haddock. Swampscott; C. P. Curtis. Boston, Mass.: Waldo Adams, with the Adams Express Co. Philadelphia, Pa.: Edward N. Williams, of the Baldwin Locomotive Works.

The public are cautioned against all similar brackets, not marked with my stamp, as such brackets are infringements of patents held by me.

Also cedar-top riding-saddle bracket. Price $3.50 each. And whip-rack for English coach and straight whip combined. Price 50 cents each.

JAMES J. READ, 13 Tremont Row, Room 10.

STAMPED ENRICHMENTS,

GARLANDS,

Rosettes, Leaves, Scrolls, Etc.

Galvanized Iron Cornices, Building Fronts, Ceiling Centre Pieces.

Send for Catalogue. New Ornament Catalogue will soon be issued. Send in your name and we will put it on the list.

J. T. WAGNER, Sales Agent. 108 Chambers St., - New York.

W. H. MULLINS, 107 Depot St., - - Salem, Ohio.

ATLANTIC WHITE-LEAD & LINSEED-OIL CO.,

Manufacturers of

"ATLANTIC" PURE WHITE LEAD,

—AND—

Pure Linseed-Oil,

Raw Refined and Boiled.

ATLANTIC WHITE-LEAD PURE WARRANTED ROBERT, COLGATE & Co. TRADE MARK

The best and most reliable **White-Lead made,**

And unequaled for

Uniform Whiteness, Fineness, and Body.

ADDRESS,

Atlantic W. Lead & Lin. Oil Co.

287 Pearl St., NEW YORK.

DRAWING-OFFICE.

DRAWINGS

Rendered in line or color with reasonable despatch. Address Editors of the American Architect, 211 Tremont St., Boston, Mass.

A. G. NEWMAN, late NEWMAN & CAPRON.

MANUFACTURERS OF

Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-Trimmings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.

Warerooms, 1180 BROADWAY. Factory, 157-163 WEST 29th STREET NEW YORK, N. Y.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 107. SATURDAY, MAY 2, 1891. VOLUME XXXII. No. 801.

THE NEW BOLTON HEATER.

NOT many years ago hot-water heating in this country was used only in the largest buildings. When smaller heaters adapted to the warming of residences were afterwards introduced, the present "Hot-Water Boom" was inaugurated. These heaters were designed for comparatively small work, and have only lately been applied to buildings of large size. By their construction most of them are poorly adapted for such work, and can only be made to meet the requirements by a multiplication of heaters, which is both expensive and inconvenient. Many, also, are really steam boilers pressed into service as *makeshift* hot-water boilers to enable their manufacturers to make some show of competition for hot-water work.

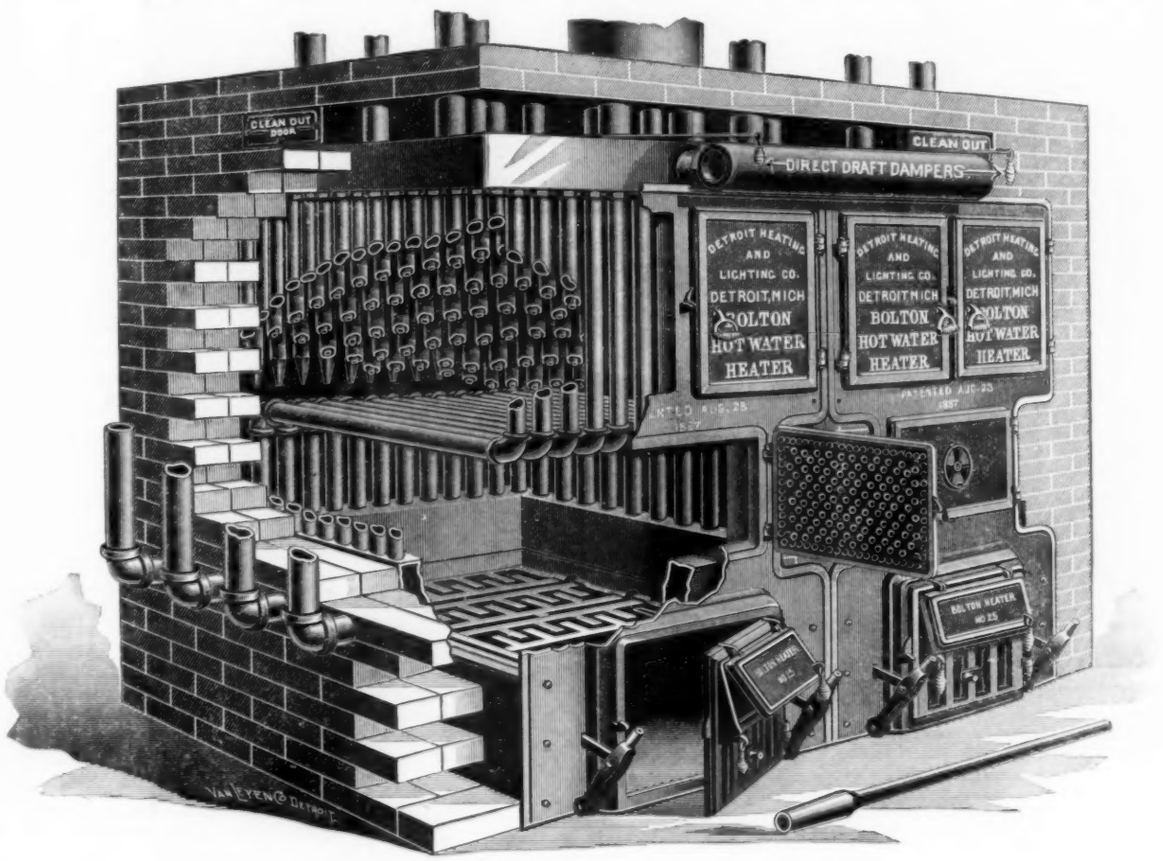
The Detroit Heating & Lighting Co., feeling the necessity for a modification of their celebrated Bolton Hot-Water Heater that would adapt it to large work, and having on hand several contracts for heating large buildings, have produced what they call their No. 20 series, an example of which (their No. 25) is here shown.

As will be seen, it retains the special features of the regular Bolton Heater — the top and bottom casting, connected by a row of wrought-iron pipes, the intervening space above the fire-pot being occupied by pendant pipes, extending down just over the fire.

The advantages found in this construction are, vertical circulation, which conduces to rapid circulation; and an extensive fire-surface, all of which is exposed to the direct action of the fire. Its manufacturers assert that the Bolton contains less water in proportion to its fire-surface than any other boiler on the market. They also claim a better proportion of fire-surface to the grate-surface.

The first of the new series, the No. 20, has a capacity for supplying 2,300 square feet of radiation-surface. The No. 25, which is the one shown in our illustration, consists of two No. 20's united so as to form practically a double-fire-pot boiler, with a capacity of 4,500 square feet. The No. 30 consists of three No. 20's similarly combined, and has a capacity of 6,500 square feet of radiation.

An advantage of this construction over the ordinary "twinned" cast-iron boilers is that when only one fire-pot is in use the heat may be made to pass over all the heating-surface of the combined boilers, by closing the Direct Draft Damper (see small drop-handles, indicated by arrow-heads in cut) belonging to the fire-box that is in use, leaving open the damper above the unused fire-box. In order to find an outlet the draft must, therefore, pass among the pipes and over the entire heating-surface of the boiler.



The New Bolton Heater.

Full particulars can be obtained in the new edition of "Warmth for Winter Homes," published by us, at our home office, Detroit, Mich., or from either of the Branches, at New York, Boston, Chicago, St. Louis, New Orleans or Dallas.

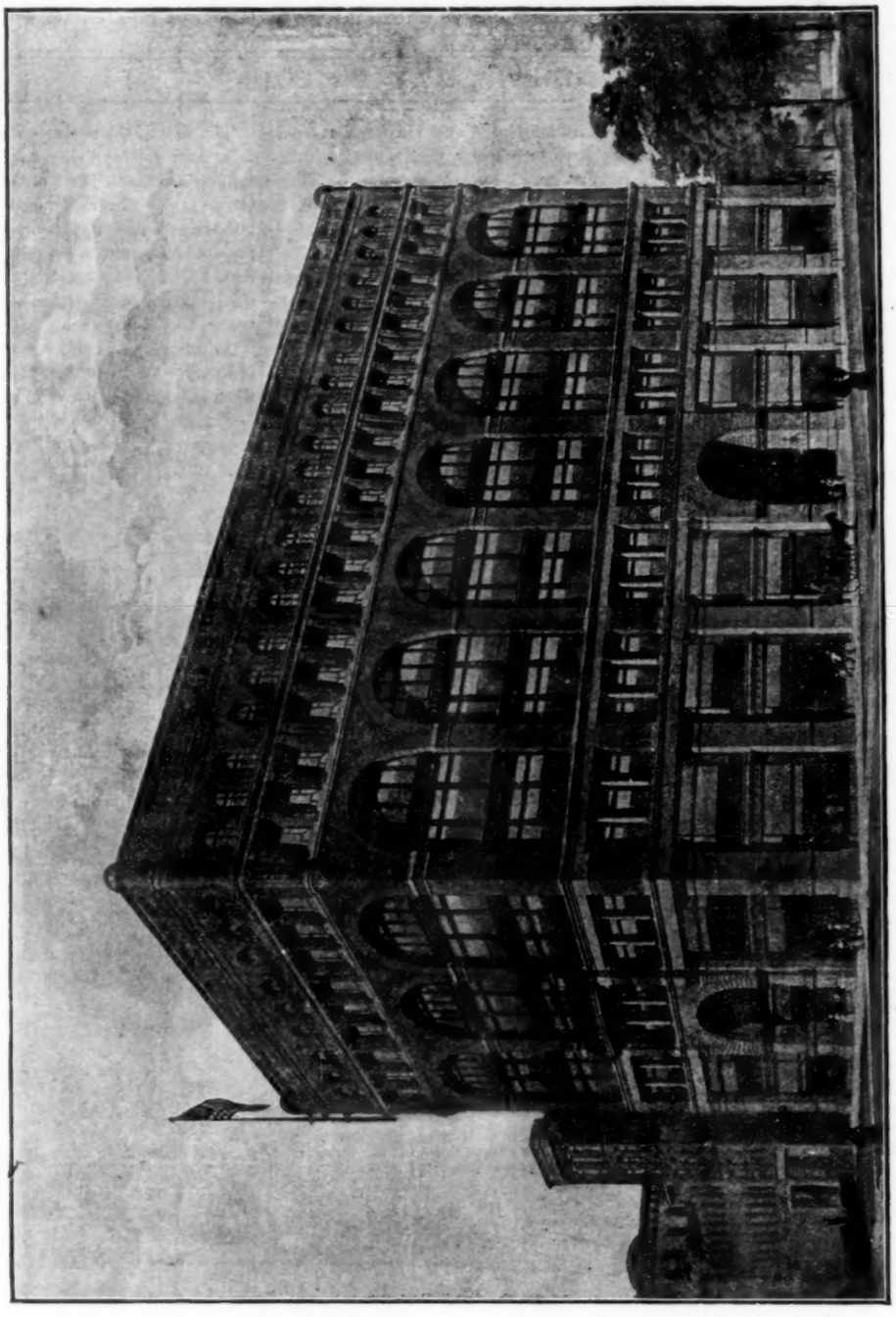
DETROIT HEATING & LIGHTING CO.,
DETROIT, MICH.

HOT-BLAST HEATING-APPARATUS.

THE J. L. Hudson Building, Detroit, Mich., which is illustrated herewith, was designed and is being erected under the supervision of Mortimer L. Smith & Son of that city, and is, without doubt, one of the handsomest business blocks in Detroit. Great credit is given the architects for the perfection of every detail of this vast and imposing structure. One feature which was given as much attention as any, was that of heating and ventilation, and after careful scrutiny of all methods the contract was awarded to the Huyett & Smith Mfg. Co., of Detroit, who are now putting in one of their hot-blast apparatus, containing 30,000 feet of 1-inch steam-pipe with a fan of sufficient capacity to deliver the requisite amount of air for the proper heating of the building, and at the same time thoroughly ventilating it. The air is carried from the heater in a large brick duct under the basement floor to risers on one side of the building and properly distributed to each floor. The building is 100 feet by 211 feet and eight stories and basement high and is to be one of the largest establishments of its kind in the country. As Mr. Hudson runs immense clothing stores in the principal cities of the West, and is the largest dealer in his line in the world, it is fair to presume that in erecting this building he has been able through an extensive experience and acquaintance to select the most approved method of heating, and it is another evidence of the superiority of the apparatus and system of the company above referred to.

This system for heating all large and moderate sized stores, also theatres, schools and all auditorium buildings, on account of the perfect ventilation it affords, is destined in time to universal adoption.

HUYETT & SMITH MFG. CO.,
DETROIT, MICH.



The J. L. Hudson Building, Detroit, Mich.

FIRE-CLAY ROOFING TILE.

THE Roofing Tile of this Company is made by machinery, each tile being formed under heavy pressure, and burned nearly to vitrification, and therefore makes a more compact and durable tile than can be made by plaster moulds, or hand. This enables us to turn them out in vast numbers, and is the reason we can furnish them at the price we do.

We believe this tile has advantages over any form of tile made. One is the gutters along the side, that prevent any water from getting through to the roof. Another is the projection near the top, that prevents the rain and snow from being blown under. Another is the ribs on the underside, that strengthen

the tile, giving it more bearing on the roof, and forming a lock that prevents it from being moved up or down by the wind. Another is the weight of the tile, which is less than slate.

The feeling of insecurity, and the dissatisfaction with nearly every kind of roofing now used, is evidence that a better kind of roofing is needed. There is no reason why tile may not be brought into general use, and especially where the roof is intended to contribute to the beauty of the building.

For railroad-depots, round-houses and shops; furnaces, factories, school-houses, churches; for all public buildings, and for the better class of private residences, there is no roof equal to our tile, and our facilities for manufacturing enable us to place it in close competition with slate.

We claim, for the purposes of health, beauty, durability, safety and economy, that fire-clay roofing tile has no equal.

Other merits of this fire-clay roofing tile are that it is:

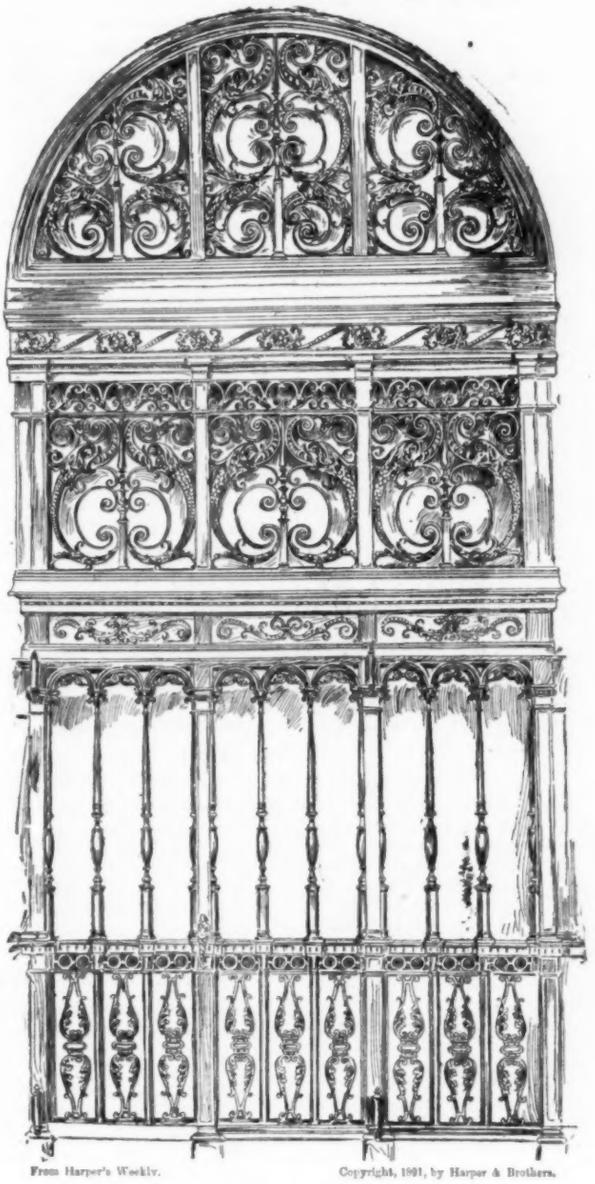
1. Ornamental, durable and cheap.
2. Fireproof, waterproof and frostproof.
3. Can not be blown off by the winds, on account of its perfect lock.
4. Can be laid on roofs at one-fourth pitch, or upward, and on gables and sides.
5. In case of breakage a new tile can be substituted without trouble.
6. Is a non-conductor, therefore cool in summer, and a protection against lightning.
7. Requires no paint. Does not rust. Not affected by acids, or the sulphur smoke of soft coal.
8. This tile measures 6¾ by 10 inches. When laid on the roof the exposed surface is 6 by 8 inches. Color, bright red.
9. Weight of tile averages 30 ounces; 300 tile make one square. Weight of square (100 square feet) on roof 562 pounds.
10. The roof contributes largely to the beauty of the building. Tile makes the most secure, reliable and beautiful roof of any other material.
11. Clay roofing tile is no experiment. They have stood the tests of fire, winds and weather for centuries in Europe. It is the coming roofing material for this country.

Manufactured by the
CLAY SHINGLE CO.,
INDIANAPOLIS, IND.

WROUGHT-IRON WORK.

THE following condensed description or specification explains the annexed cut showing certain wrought-iron work, consisting of gates, balcony and an arch grille, the whole combined into one immense screen, after the manner of a rood-screen, over nineteen feet high, the base line of gates being on a level with the mezzanine floor bringing top of first cornice, or lower line of balcony, on a level with second floor, the arch being carried upon a line with the third floor, showing an open space of several feet between it, (the arch), and the balcony.

The design is so constituted as to form three main vertical divisions and four horizontal divisions: the first horizontal division being the dado in the lower half of the gates; the second, the entablature immediately above them and forming the base line of balcony; the third, the top rail of balcony above; and the fourth another frieze and cornice on a line with the spring of the arch forming the lower boundary of the Arch Grille. The three main vertical divisions on the gates are emphasized by graceful pilasters, adorned with Ionic capitals, and the spaces between the pilasters are subdivided into triple arches, each supported by delicately wrought spindles with their capitals conforming with those of the pilasters. The balcony above the gates is formed into three panels the motive being dolphins wrought in graceful curves and adorned with elaborate foliage. The Arch Grille above has for its principal motive the same theme, but in a modified form. The whole is treated in the style of the French Renaissance partaking mostly of the character of the Francis the First period, and in general design and details recalling the châteaux of Blois and Chenonceaux.



From Harper's Weekly. Copyright, 1891, by Harper & Brothers.

Wrought-iron Work.

The conception of the design is very beautiful and shows a consummate knowledge of the French art of that period, and the execution is such that it may be ranked with the most beautiful art productions in this country. The purity of the lines, the perfect finish of the larger parts, and the delicacy and elaborateness of the details, in all their ramifications, are certainly exquisite, and the greatest care has been exercised in their execution.

This elaborate gate was designed by Mr. R. M. Hunt for a Newport house.

W. H. JACKSON & CO.,
UNION SQUARE (NORTH), NEW YORK, N. Y.

KING'S WINDSOR CEMENT DRY MORTAR.

WE beg to announce that this company is the sole manufacturer of King's Windsor Asbestos Cement in the mixed forms, for plastering on any building material. Though the Windsor Cement has given thorough satisfaction wherever it has been used as directed, and the sales have increased over 400 per cent in the last year, experience has shown that it is advisable to ensure perfect work by mixing with the cement, by machinery, the right proportion of good kiln-dried sand. By so doing, the only thing left to the judgment of the man at the mortar-bed is the right quantity of water.

The claims we make for this material are:

That it makes walls and ceilings of 300 per cent more tensile strength and 200 per cent harder than lime and hair mortar.

Asbestos used as a fibre in place of hair or vegetable matter, renders the material a great protection against fire, deadens sounds and adds elasticity.

The extreme density of the cement renders it vermin and germ proof.

It will not discolor any material. It is free from acid.

It is not made by any chemical process, and no action takes place after drying, which is a matter of a few days only.

Frost will not injure the work after it is once set (*i. e.*, 18 to 24 hours after application).

It will not chip or pit.

It dries out from three to five weeks quicker than lime-and-hair mortar. Carpenters can follow plasterers four days after the skim-coat is applied.

Registers and thimbles can be cut in the wall without disturbing extra plaster: nails can be driven without effecting the clinch.

Experience has shown that ceilings well soaked from any cause will dry out as strong as ever. Falling ceilings are unknown, and the plastering will last as long as the building itself.

It can be finished in any way of which ordinary plastering is capable.

For a hard finish, we supply King's Superfine Windsor Cement to be applied mixed with lime-putty, and also alone in place of Keene's Cement. This material can be polished as well as marble, and competent judges pronounce it equal to the costly Keene's Cement, at less than one-half the cost.

If directions given are followed, we guarantee all that we claim. Walls and ceilings made from this material are second to none, and considering the advantages above mentioned, the excess of cost above lime and hair is a small matter. It is less expensive than any other patent plaster.

This material is no experiment, and is endorsed by the best architects and builders whenever it has been used.

We shall be pleased to furnish any further information in addition to the following specification brief: —

Lathing. — Any metallic, or best pine or spruce lath. If wood, to be free from sap, and to be placed $\frac{5}{16}$ to $\frac{1}{4}$ of an inch apart; grounds to be $\frac{3}{4}$ of an inch for two-coat work, and $\frac{7}{8}$ of an inch for three-coat work. To make perfect work the lath should be green or wet down.

Two-coat work. — Mix with water, as directed by the manufacturers on each and every barrel, and apply in the usual way. Walls to be left rough, but even, to receive the finishing coat.

Three-coat work. — Mix with water, as directed by the manufacturers on each and every barrel, and apply first coat, and scratch or broom to form a rough surface for brown coat. Apply browning so that finishing coat will come flush to grounds, as soon as scratch coat has formed body to receive it. When walls are thoroughly dry apply a hard finish as directed below.

For cornices or mouldings. — Scratch roughly, or cut out pockets within one inch of projection before browning is set.

Hard finish. — Walls to be thoroughly dry. Mix not less than one-half Superfine Windsor Cement with well-seasoned lime-putty, and apply as in ordinary hard finishing.

Float sand finish. — Mix with water as directed, and apply when browning forms a body. This must be floated with either clear, soft pine, or cork-faced floats.

Grades. — In ordering, please state what material is to be covered. We make four grades: lath, iron or wire lath, brick, and float sand finish, and supply King's Windsor Superfine Cement for hard finish.

CAUTION.

Do not retemper or mix more at one time than can be applied in one hour. Do not let the frost get into the work before it is thoroughly set. Extreme forced heat while drying must be avoided.

When applying to brick or terra-cotta, if too much suction, dampen the wall.

Kiln-dried lath must not be used.

KING'S WINDSOR CEMENT DRY MORTAR CO.,
New York, N. Y.

ASBESTOS THEATRE CURTAINS.

The building-laws of most of our large cities now compel the use in all new theatres of fireproof drop-curtains. The great weight of iron curtains has led the managers of many of the best theatres to adopt Asbestos as the best fireproof material for the purpose. An Asbestos curtain is light in weight, and can be lowered or raised in a few seconds of time, with little effort. It does not require a heavy rigging to hold in place. It is flexible and will fold or roll into small compass if necessary. In appearance it resembles cotton duck, and it can be painted or decorated. In use it completely protects the audience from any fire which might originate on the stage.

The Chalmers-Spence Company, 59–61 Liberty Street, New York, the largest consumers of Asbestos in the world, have recently furnished fireproof Asbestos curtains to the Lyceum, Broadway, Harrigan's, Union Square, Amberg's, Columbus, Hammerstein's and the Garden Theatre, New York City; the Park and Criterion Theatres, Brooklyn, N. Y.; the Girard, Park and Academy of Music, Philadelphia, Pa.; the Columbian, Baker's and McVicker's New Theatre, Chicago, Ill.; and the new Lyceum Theatre, Duluth, Minn.

CHALMERS-SPENCE COMPANY,
59-61 Liberty Street, New York, N. Y.

ART HARDWARE.

Having increased our facilities nearly 100 per cent we are now able to fill all orders for locks and art hardware promptly as placed, and the delays which have heretofore occurred from the great demand for these goods will in no case be repeated. Subjects from special designs will be executed in as short time as the character of the work will permit.

THE YALE & TOWNE MFG. COMPANY,
Stamford, Conn.

BRONZE.

We have the pleasure to announce our removal to our new works, S. W. Cor. 21st and Allegheny Ave., where we have erected a new foundry in which we have placed all the latest improvements for art bronze and brass casting in all its various branches.

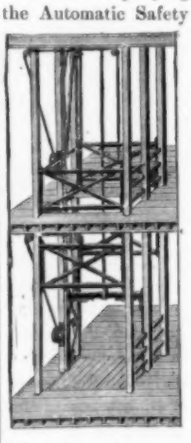
Requesting the continuance of your valued patronage, we are.

Very respectfully yours,

BUREAU BROTHERS,
Philadelphia, Pa.

ELEVATOR GATE.

The accompanying illustration represents the Automatic Safety Gate as manufactured by us at Richmond, Ind. It is a practical invention and an absolute necessity for securing safety in and around factory, warehouse, and large wholesale-house elevators.



In its mechanical construction, it is perfect, doing the work thoroughly. It is also self-adjusting, easily and quickly put in operation without interfering with the regular use of the elevator. There is no fear of accident when the Automatic Safety Gate is used. It never forgets to swing or shut. Does its work positively and noiselessly and prevents accident by its self-adjusting power.

As a safety invention, it leads in the market of mechanical devices, and as a prevention of accidents to life and limb, it is becoming an absolute necessity wherever warehouse elevators are used.

The unprecedented sale and demand for the Automatic Safety Gate is proof of its great usefulness and practicability. It is both labor-saving and essential in all places where freight elevators are used.

RICHMOND SAFETY GATE CO.,
Richmond, Ind.

NOTES.

For several years advertisers have made a practice of adding interest to their circulars and catalogues, by associating with the descriptive matter illustrations of the buildings in which their apparatus or material has been used. Sometimes these illustrations are procured with the help of the photographic camera, sometimes the architects have been willing to furnish sketches or drawings. Almost the first of the manufacturers to adopt this scheme was Samuel Cabot of Boston, whose "Creosote stains" are in general use in all parts of the country. Mr. Cabot has issued a great variety of placards, circulars and catalogues, year after year, all illustrated with views of buildings upon which his stains have been used. The latest document he has sent out is a leaflet which shows a sketch of a cottage designed by Mr. W. R. Emerson, reproduced in half-tone and in color. The low scale of the colors used in this print, make the result more true to nature and less misleading than colored illustrations usually are.

The receipt from Messrs. Merchant & Co., of an excellent piece of chromo-lithography, which shows the Washington Monument, the Forth Bridge, Eiffel Tower, Brooklyn Bridge, etc., reminds us that we have not spoken, as usual, of the calenders which came to us with the beginning of the year. The fact is that comparatively few reached us and of these few hardly any were worthy of particular note because of some ingenious application of the many reproductive processes. There was, however, one New Year's visitor which did make a distinct impression on us, as it must have made on every architect who received it, and that was Messrs. Merchant & Co's., ingenious little booklet which showed the "Brownies" — whom Palmer Cox has made familiar to all grown people who have young children — in their delightful and inimitable way extolling the merits of the methods, materials and appliances of their momentary employer, the great metal merchants of Philadelphia.

The new Rolling-Mill for the Washburn & Moen Mfg. Co., at Waukegan, Ill., will be quite extensive.

The main building will be 140 feet in width by 400 feet in length with a wing on one side 40 feet in width and 160 feet long, and one on the opposite side 40 feet in width by 100 feet long. The building will be entirely of steel, designed and built by the Berlin Iron Bridge Co., East Berlin, Conn.

Messrs. Jenkins Brothers, the well-known manufacturers of valves and steam-fittings, so long established at 71 John Street, New York, have changed the address of their Chicago

Branch Office, which is to be hereafter, 31 and 33 North Canal Street.

DESPITE the fact that March is usually a dull month among manufacturers of house heating apparatus, the Gorton & Lidgerwood Company, New York, have been exceedingly busy. They report an increase of over fifty per cent in the sales of their Gorton house heating boilers, this year over the corresponding month in 1890. This is a big jump and speaks volumes for the popularity of their specialty.

AMONG the Art Ironworking establishments of New York City, that of W. H. Pries, No. 434 Canal Street, has gained a very prominent position which is very natural in consequence of Mr. Pries being the pioneer in this industry. This establishment is fully equipped in its artistic and mechanical departments, to produce iron and brass metal work for the adornment of interiors, also for chimney pieces in carved wood, and reproductions of antique furniture. The carving is not done by machinery, as is too often the case, but is all produced by manual labor. For more than twenty-five years Mr. Pries has been carrying on this industry, at the above-named place, or in its immediate neighborhood. His warehouse is filled from basement to attic with a beautiful collection of articles such as has been indicated.

Professional or private persons who are finishing dwellings, and do not find in the collection on hand, such things as please their fancy, may have their own designs executed, or some unique design will be suggested for their peculiar use.

In the matter of charges, Mr. Pries designs to be moderate, and such persons as cannot make a personal visit can be served by correspondence.

TIN PLATE.

PHILADELPHIA, PA., April 24, 1891.

TO THE EDITORS OF THE AMERICAN ARCHITECT: —

Dear Sirs, — The McKinley Tariff Bill does not go into effect until July 1, and while we are fully prepared to make American Tin and Terne Plates at our own Works in Philadelphia to-day, yet we will not start to supply the trade in general for some weeks yet. At all events, it is of importance to the trade and to the country at large to know that we are the first importers to make our own fine grades of goods.

More especially does this apply to the Genuine Old Style Brand of Roofing Tin, and the Guarantee which we give on every sheet of this fine brand will now have an additional value. We would, therefore, ask that you give us a notice upon the insertion of this advertisement as it is a step toward American industry and good home-made honest Tin and Roofing Plates. Very truly yours,

N. & G. TAYLOR MANUFACTURING CO.

ILLUSTRATIONS.

ART IN IRONWORK. BY JOHN WILLIAMS, 544–556 WEST 27TH STREET, NEW YORK, N. Y.

OWING to the temporary illness of the editor and the absence in consequence of the necessary oversight, these illustrations were published some weeks ago in a very unsatisfactory manner. Simple justice to the manufacturer and to our own reputation requires their republication in this issue.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ALTERATIONS.

Philadelphia, Pa.—*North Ninth St., No.* 205, alterations; contractor, R. W. Strode.

Wallace St., No. 3919, addition; contractor, Samuel W. Comley.

North Fifth St., No. 824, addition; contractor, J. A. Ballard.

West Girard Ave., No. 112, addition; contractor, A. Culbert.

Locust St., No. 1114, addition; contractor, Charles H. Williams.

Moore St., No. 629, alterations; owner, William Murphy.

North Ninth St., No. 218, alteration; owner, T. Mullen.

North Twelfth St., No. 689, addition; owner, J. Wood.

Fortieth St., s w cor. Sylvan Ave., alterations; contractor, F. H. Vogdes.

Germantown Ave., No. 4769, addition; contractors, W. Woods & Bro.

Lawrence St., No. 2125, addition; contractor, Philip Schnider.

Centennial Ave., No. 1506, addition; owner, S. B. Sandy.

Fifth St., n e cor. Diamond St., alterations; contractor, D. C. Schuler.

Garrett St., No. 1845, addition; contractor, John D. Sanders.

Lancaster Ave., No. 4017, alterations; owner, Chelten Dean.

Mount Vernon St., No. 1629, addition; contractor, E. M. Flutcher.

Emily St., n w cor. Sixth St., addition; owner, Henry Koch.

McClellan St., No. 2735, addition; owner, Robert McClellan.

Tulip St., w s, s William St., addition; contractor, Robert Greger.

Tulip St., s e cor. Pepper St., addition; contractor, Robert Greger.

Springfield Ave., No. 4805, addition; owner, R. W. Steele.

Chestnut St., s w cor. Tenth St., alterations; owners, Western Union Telegraph Co.

City Ave., s e cor. De Invilliers St., two-st'y addition; contractor, Frank T. Sheldrake.

Bainbridge St., No. 1021, addition; contractor, James H. Faries.

Columbia Ave., No. 1725, alterations; owner, G. C. Dietrick.

APARTMENT-HOUSES.

Chicago, Ill. — John Dean, two-st'y flats, 3522 Lincoln Ave.; cost, $3,000.

F. L. Farnum, 2 two-st'y flats, 1172-74 Harrison St.; cost, $7,000.

George Schwomb, three-st'y flats, 41 Menominee St.; cost, $4,500.

W. Keplicher, three-st'y flat, 43 Menominee St.; cost, $3,500.

Henry Toburg, three-st'y flats, 6163 Ohio St.; cost, $4,000.

Jacob Poprzche, two-st'y flats, 3250 Mosprat St.; cost, $3,000.

Anton Olejerskie, three-st'y flat, 180 Cleaver St.; cost, $5,000.

Moorehouse & Zettler, 2 two-st'y flats, Lafayette Ave.; cost, $8,000.

H. W. Lucas, two-st'y flats, 3254 Lowe Ave.; cost, $3,300.

Joseph Pinz, three-st'y flats, 2920 Union St.; cost, $5,800.

H. W. Holmes, three-st'y flats, 749 Hinman St.; cost, $6,000.

A. E. Leicht, two-st'y flats, Fullerton Ave., near Clark St.; cost, $3,500.

A. E. Corniss, three-st'y flats, 376 Dayton St.; cost, $4,000.

H. W. Winkleman, three-st'y flats, 1730 Oakdale Ave.; cost, $5,000.

CHURCHES.

Alexandria, La. — The building of a church, to cost about $12,000, is contemplated by the Catholics.

Bristol, Tenn. — An edifice for the Second Presbyterian Church, to cost about $10,000, is contemplated.

FACTORIES.

Chicago, Ill. — John L. Geirer, two-st'y factory, 502 Clybourn Ave.; cost, $20,000.

N. C. Ritchie & Co., six-st'y factory, Van Buren and Green Sts.; cost, $60,000.

HOUSES.

Baltimore, Md. — Simon Stern, three-st'y brick building, w s Broadway, bet. Canton and Eastern Aves.

J. W. Hoffacker, 9 two-st'y brick buildings, s s Federal St., bet. Bond and Bethel Sts.

Wm. C. Horner, three-st'y brick building, n s Granby St., bet. Exeter St. and Central Ave.

David S. Collett, 3 two-st'y brick buildings, w s Pinkney St., n Stockholm St.

H. M. Reinhart, 16 three-st'y brick buildings, n s First St., w Barclay St.; 5 three-st'y brick buildings, w s Barclay St.; and 14 two-st'y brick buildings, s s alley.

L. H. Robinson, 10 three-st'y brick buildings, w s Madison Ave., near Clendinen St.

Brooklyn, N. Y. — *St. John's Pl.*, s s, 100′ e Sixth Ave., 13 three-st'y brick dwells., tin roofs; cost, $8,000 each; owner and architect, Wm. Flanagan, 69 Seventh Ave.

Vernon Ave., s s, 220′ w Throop Ave., 8 two-and-one-half-st'y brick dwells., tin roofs; cost, $40,000; owner, architect and builder, Robert H. Anderson, 250 Hart St.

Arlington Ave., s s, 40′ w Ashford St., two-st'y frame dwell., shingle roof; cost, $4,000; owner, Fred J. Swift, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Macon St., s s, 18′ 8″ e Ralph Ave., 5 two-st'y brick dwells., tin roofs; cost, $22,500; owner, J. H. McKennee, 363 Bainbridge St.; architect, G. Harry Madigan, 68 Nassau Ave.

Schenck Ave., e s, 165′ n Arlington Ave., two-st'y frame dwell., shingle roof; cost, $4,500; owner, T. F. Parker, Elton St., near Ridgewood Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

McDonough St., s s, 81′ e Ralph Ave., 3 two-and-one-half-st'y brick dwells., tin roofs; cost, $4,750 each; owner and architect, Thos. H. Radcliffe, 826 Fulton St.

Hancock St., s s, 300′ e Stuyvesant Ave., 13 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,000 each; owners, Lambert & Mason, 684 Putnam Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

McDonough St., s s, 62′ e Ralph Ave., two-and-one-half-st'y brick dwell., tin roof; cost, $5,000; owner and architect, Thos. H. Radcliffe, 826 Fulton St.

Buffalo Ave., e s, 138′ 7″ n Atlantic Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,750 each; owner, H. J. Warner, 43 Buffalo Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Greene Ave., n s, 100′ w Lewis Ave., 5 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,000 each; owner, Thos. B. Bryant, 272 Lewis Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Clinton St., e s, 33′ n Hamilton Ave., three-st'y brick dwell., felt and gravel roof; cost, $3,500; owner, R. Cronin, 138 Luquier St.; architect, Stephen Hazzard, 175 Pacific St.

Devoe St., s s, 150′ w Leonard St., three-st'y frame dwell., tin roof; cost, $5,000; owner, John McCormick, 78 Devoe St.; architect, Th. Engelhardt, 905 Broadway.

Moore St., n s, 75′ e Graham Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, Jacob Kiefer, 252 Graham Ave.; architect, Th. Engelhardt, 905 Broadway.

Shepherd Ave., e s, 280′ n Ridgewood Ave., 7 two-st'y frame dwells., tin roofs; cost, $14,500; owner, architect and builder, S. T. Hollister, 106 Barbey St.

Eleventh St., n s, 312′ e Eighth Ave., 2 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner, F. O. Peterson, Eleventh St., bet. Seventh and Eighth Aves.

Greene Ave., s s, 340′ e Throop Ave., 8 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,000 each; owner, David S. Beasley, 195 Van Buren St.; architects, J. D. Reynolds & Son, 363 Fulton St.

McDonough St., s s, 464′ e Reid Ave., 2 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner, Henry B. Hill, 1225 Bedford Ave.; architect, Amzi Hill, 1225 Bedford Ave.

Sixth Ave., s e cor. First St., three-st'y brick dwell., tin roof; cost, $7,000; owner and architect, R. Von Graff, 609 Carroll St.

Eighth Ave., e s, 28′ n Sixteenth St., 4 two-st'y brick dwells., tin roofs; cost, $16,000; owner, architect and builder, E. J. Bedell, 26 Court St.

Macon St., n s, 237′ 6″ w Marcy Ave., 5 three-st'y brick dwells., tin roofs; cost, $6,000 each; owner, Wm. H. Reynolds, 305 Hancock St.; architect, J. D. McAuliffe, 319 Flatbush Ave.

McKibben St., n s, 125′ w Bushwick Ave., 2 four-st'y frame dwells., tin roofs; cost, $6,500 each; owners, Wolpart & Gower, 29 Ellery St.; architects, D. Acker & Son, 752 Broadway.

Pacific St., n s, 102′ e Albany Ave., 6 two-st'y brick dwells., tin roofs; cost, $3,000 each; owner, architect and builder, Wm. V. Young, 209 McDonough St.

McDonough St., s s, 80′ e Throop Ave., 2 three-st'y brick dwells., tin roofs; cost, $7,000 each; owner, John Frazer, 42 Rochester Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

McDonough St., s s, 138′ e Ralph Ave., 2 two-st'y brick dwells., tin roofs; cost, $4,250 each; owner and architect, Thos. H. Radcliffe, 826 Fulton St.

Bartlett St., No. 61, bet. Harrison and Throop Aves. three-st'y brick dwell., tin roof; cost, $4,000; owner, John Engelkrum, 32 Bartlett St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Debevoise St., s s, 175′ e Graham Ave., 2 four-st'y brick dwells., tin roofs; cost, $10,000 each; owner, J. Schulthers, 14 Graham Ave.; architect, Frank Holmberg, 1161 Broadway.

Fifth St., s s, 100′ w Sixth Ave., four-st'y brick dwell., tin roof; cost, $8,000; owner, George O. Van Orden, 495 Sixth Ave.; architects, Thomas Graham and W. O. Tait, 1269 Madison Ave., New York.

Shepherd Ave., e s, 140′ n Ridgewood Ave., 6 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner and architect, James Graham, 122 Cleveland St.

Arlington Ave., s s, 50′ w Elton St., two-st'y frame dwell., shingle roof; cost, $3,500; owner, Mary Hevser, 2732 Fulton St.; architect, Chas. Haveland, 222 Vermont Ave.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,800; owner, F. T. Kuehne; contractor, J. C. Thoma.

Two-st'y brick dwell.; cost, $10,000; owner and contractor, E. C. Pipe.

Two-st'y brick dwell.; cost, $7,000; owners, Woerheide Real Estate and Building Co.; contractors, Cook & Casey.

Three two-st'y brick dwells.; cost, $3,500 each; owners and contractors, Cook & Casey.

Two-st'y brick dwell.; cost, $11,000; owner, M. D. Jones; sub-let.

Two-st'y brick dwell.; cost, $6,000; owners, Staed Bros.; contractors, Gum & Spier.

Two-st'y brick dwell.; cost, $3,500; owner, Mr. Weis; contractor, N. Schwegler.

Two-st'y brick dwell.; cost, $3,300; owner, J. M. Johnston; contractor, J. Schott.

Two-st'y brick dwell.; cost, $7,000; owner, J. Wagoner; contractor, A. Johnson.

Three-st'y brick dwell.; cost, $10,000; owner, Baptist Orphan Home; contractor, Wm. Daman.

Two-st'y frame dwell.; cost, $2,500; owner and contractor, C. G. Ewing.

Worcester, Mass. — *Harrison St.*, three-st'y frame dwell.; owner and contractor, G. Fournier.

Highland St., frame dwell.; owner, E. B. Rice; contractor, B. W. Stone; architects, Barker & Nourse.

Vernon St., three-st'y frame dwell.; owner, Theodore Borg; contractor, L. M. Peterson.

Belmont St., three-st'y frame dwell.; owner, E. Ektatt; contractor, L. M. Peterson.

Hadwin Ave., two frame dwells.; owner, J. N. Watson; contractor, W. Ford.

Eastern Ave., three-st'y frame dwell.; owner, P. H. Dean; contractor, R. Bebrac.

Maynard St. three-st'y frame dwell.; owner, L. L. Flag; day-work.

Lyford St., two-st'y frame dwell.; owner, Eugene C. Holton; contractor, James I. Elliot.

Kendall St., three-st'y frame dwell.; owner, C. Allen; contractor, L. M. Peterson.

Three-st'y frame dwell.; owner, Chas. Rathburn; contractor, H. T. McDonald.

OFFICE-BUILDINGS.

Philadelphia, Pa. — *Haverford Ave., No.* 3850, one-st'y office-building; contractor, E. S. Sprague.

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ALTHOUGH the Architecture of the Renaissance in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. The desire for domestic comfort led to the erection or the re-modelling of a vast number of houses; whilst the desire for display led great noblemen to vie one with the other in the extent and splendor of the palaces they erected. From one end of the land to the other rich men built, adorning their houses with an infinite variety of detail, dictated by local conditions of material or modes of workmanship, but all conforming to the new style which had found its way to every part of England; but in planting itself on English soil the new style assumed distinctly English characteristics, which it retained until it became submerged beneath the advancing tide of universal Classic. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Condover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South; stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

The Text will be interspersed with about a hundred small sketches of other interesting features such as balustrades, dormer windows, corbels, groining bosses, carved panels, staircases, glazing, etc., etc., as well as some plans of buildings, and profiles of the principal mouldings. By this means it is hoped to make the work far more useful than it would be were it merely a collection of general views, and to render it not only a valuable study-book for the Architect, but of great interest to all who take pleasure in the remains of the richest period of Domestic Architecture which England has witnessed.

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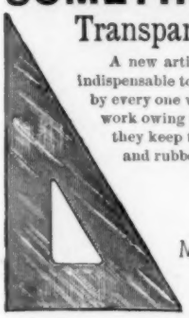

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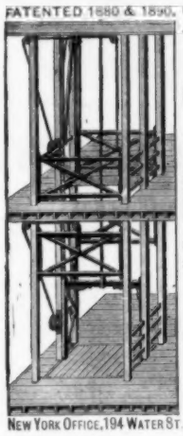

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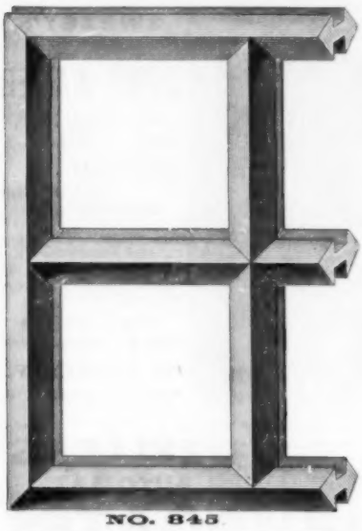

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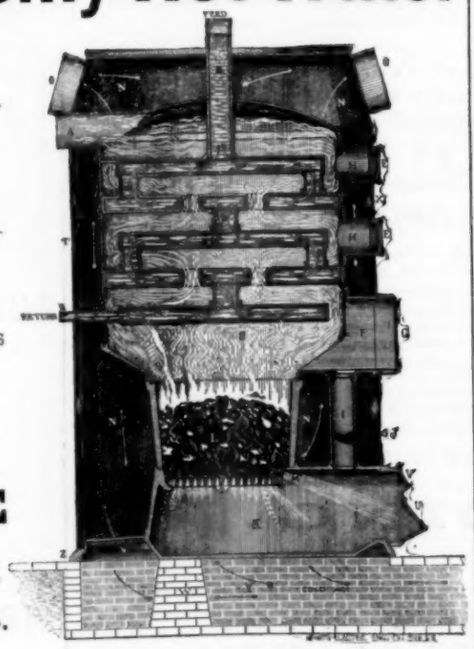
Chicago, Harrisburg, Toronto.



Something New for the Stable.

Read's Patent Harness Bracket.

An Article long wanted but never before made.

Holds the whole harness, takes no more room than the ordinary hook or peg, can be used for both single and double harness. Gives the harness-case a neat appearance, as it carries the harness up uniformly in width with the saddle, beside keeping the bridle and breastplate in their proper shape. They are neatly japanned, with gilt facings. Price **$18** per dozen. Are now in use in over 100 first-class private stables in and about Boston.

Each bracket lettered **"J. J. Read, Boston, Mass."** For sale by dealers everywhere.

Indorsed and approved by the following named gentlemen, all of whom have them in use:

Boston: R. H. White, J. Montgomery Sears, J. T. Morse, Jr., Thos. Motley. South Boston: Benjamin Dean. Cambridge: F. A. Kennedy, John Bartlett, Chas. H. Gass. Portsmouth, N. H.: Hon. Frank Jones. Milton: Col. H. S. Russell, J. Malcolm Forbes. Dedham: A. W. Nickerson. Baltimore, Md: J. D. Mallory. Newton: J. C. Potter, C. E. Billings, A. R. Mitchell. Waltham: J. H. Ellison. Readville: C. G. White. Beverly: Dr. Chas. Haddock. Swampscott: C. P. Curtis. Boston, Mass.: Waldo Adams, with the Adams Express Co. Philadelphia, Pa.: Edward N. Williams, of the Baldwin Locomotive Works.

The public are cautioned against all similar brackets, not marked with my stamp, as such brackets are infringements of patents held by me.

Also cedar-top riding-saddle bracket. Price $3.50 each. And whip-rack for English coach and straight whip combined. Price 50 cents each.

JAMES J. READ, 13 Tremont Row, Room 10.

Blue Process Papers.

FRENCH SATIN is the only brand which is Absolutely Guaranteed by the Manufacturers.

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ATLANTIC WHITE-LEAD & LINSEED-OIL CO.,
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PURE
WHITE LEAD,
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Pure Linseed-Oil,
Raw Refined and Boiled.

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And unequaled for
Uniform Whiteness, Fineness, and Body.

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Architects and Contractors

Supplied with Clerks on payment of fee of one dollar. Address,

DRAUGHTSMEN'S EXCHANGE,
At the room of the Philadelphia Chapter, A. I. A.
31 S. 15th St., Philadelphia, Pa.

Draughtsmen and apprentices supplied with positions on same terms.

R. Wilson Parry, Manager.

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MANUFACTURERS OF

Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-Trimmings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.

Warerooms, 1180 BROADWAY. **Factory, 157-163 WEST 29th STREET NEW YORK, N. Y.**

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 108. SATURDAY, JUNE 6, 1891. Volume XXXII. No. 898.

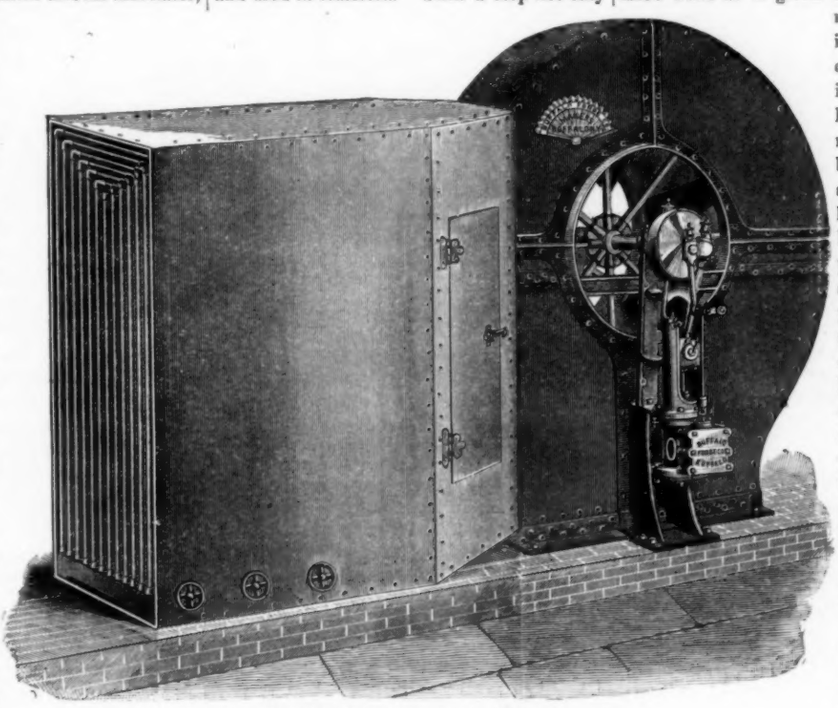
A REVOLUTION IN THE WIRE TRADE.

Under the above caption the *Electrical Engineer*, New York City, prints in a recent issue, the following:

"One of the most striking and important departures in the insulated-wire business is that just made by the New York Insulated Wire Co., of 649–651 Broadway. It consists in nothing less than the opening of a large establishment of its own in Chicago, where a fine store has already been secured at 78, 80 and 82 Franklin Street. The plan has been maturing quietly for some time, under the hands of Secretary Gallaher and his associates, and the past month has witnessed some quiet, effective work in Chicago by President Place and Mr. J. W. Godfrey, the general manager. The company is the first concern of the kind in the country, we believe, to handle its trade in this manner, and thus meet purchasers as closely and promptly in Chicago, and the territory covered by that city, as if they were dealing direct with the New York house.

"The new store which will be in readiness by May 20, is excellently situated, with reference to the electrical industry of Chicago. It will have a fine suite of offices on the first floor fronting on Franklin Street, and will occupy also the whole second floor. As this is 60 by 80 feet and is double decked, being very lofty, there will be available as much as 9,600 square feet of space on that floor alone. The store will carry a stock of about $100,000 worth of "Grimshaw white core," "B. D.," "Competition" line wire, tapes, compounds, etc., and half the stock has already been shipped, the remainder following as quickly as possible.

"In order that this store and its important trade shall be in the best hands, the company have placed it in charge of Mr. G. H. Meeker, who has been associated with the rubber business for a great many years, and has ably represented the company for a long time. He is well-known in Chicago. He will have with him a full corps of assistants, and leaves immediately to take charge of the company's new interests in the West. As might be expected, the faint rumors that have circulated as to the intentions of the company, have excited no little curiosity, and it is beyond question that this full and explicit announcement of their plans will be received with the utmost interest wherever insulated wire is sold and used in America. Such a step not only speaks volumes for the popularity of the company's products, but show an inspiring confidence in the stability and growth of electrical business as a whole."



Buffalo Hot-blast Steam-heating Apparatus.

BUFFALO HOT-BLAST STEAM-HEATING APPARATUS.

To architects of the most modern and public buildings, etc., this system of heating and ventilating is not new. Any one who will take occasion to examine the comparative values of the different heating systems will at once acknowledge that, with all points considered, the "Fan" system possesses by far the greater number of advantages and affords more desirable features.

We show in the accompanying cut, an apparatus arranged for the fan to blow through the heater, though the outfits are also built to exhaust through, or to draw the heated air over the pipes, and deliver it heated at the outlet of fan. Both arrangements have their advantages. The advantage of blowing through the heater over exhausting where the space and location of apparatus will permit, are obvious. Two inlets to fan are thus secured, and with handling cold air, it will do more work at a given speed, as the air is much more dense, being expanded fully one-sixth after passing through the heater, while there is no hot air to heat the bearings of fan. A special feature of the heaters used in Buffalo "Hot-Blast" plants is their being so designed that a part of the surface may be used for either live or exhaust steam as desired. Their construction further permits of varying their supply of live or exhaust as may be desired. This feature is not known to any other constuction.

Special steam fans have been designed for various work, and in certain instances, for church and public building, engines have been built to run with as low as ten pounds boiler pressure. For churches, in particular, this feature will be desirable. There can be no fear whatever of boiler explosions, and to suggest a higher ideal in a heating and ventilating plant than is thus afforded will be impossible.

BUFFALO FORGE CO.,
BUFFALO, N. Y.

EQUIPMENT OF INSANE ASYLUMS WITH FIRE-ESCAPES.

Probably the Eastern State Asylum for

Insane at Pontiac, Mich., is now one of the best protected institutions in the country, in the way of safe-guards for the escape of the inmates in case of fire. The entire immense institution has been provided with improved iron balcony fire-escapes, embodying a novel and ingenious feature in being enclosed entirely with guards of wire-work so arranged that in case of fire or panic, the unfortunates cannot throw themselves over, but must preforce descend to the ground in safety.

This notable work is from the shops of E. T. Barnum, manufacturer of wire and iron work, of Detroit, Mich. We understand that other public institutions of the kind are to follow the example of Pontiac Asylum. It should be a matter of law, that all public places of this kind should be so protected, in the interests of humanity and for the prevention of the awful loss of life, which so often occurs when these places suffer from fire.

E. T. BARNUM,
Detroit, Mich.

F. O. NORTON'S CEMENT IN SALT WATER.

River and Harbor Improvements and Defences of Maine and New Hampshire.

United States Engineer Office.
Portland, Me., April 18, 1891.

Mr. F. O. Norton,
92 Broadway, New York.

Dear Sir, — In reply to your inquiries regarding the use of your Rosendale cement in submarine work, I give you the following facts:

In the winter of 1875–76 it became necessary to rebuild a portion of the sea-wall of coverface at Fort Taylor, Key West, Fla., which had been carried away in the hurricane of September 13 and 14, 1875. The repairs required about six hundred cubic yards of concrete behind a heavy granite facing, most of which was below the level of the sea.

The mixture for concrete was well incorporated without being wet, and was then placed in common gunny bags and thoroughly rammed in layers, the moisture being absorbed from the sea-water only. Mortar for joints in the heavy granite facing was made in the usual manner, then spread upon a piece of thin cotton sheeting and covered with a second piece, much as a small mustard plaster would be prepared. The mortar thus protected was laid in place to receive the stone.

The wall was thus rebuilt in about eight feet depth of water, exposed to the open sea and without a coffer-dam.

In September, 1885, I wrote to Mr. George Phillips, the former overseer on the work, to ascertain the condition of the wall. His reply, dated September 23, 1885, says: "*It stands as firm as the hills, although the earth and rock filling in the rear has long since been washed away, leaving the wall unsustained to stand the pellings of the sea.*"

I have had no more recent experience with your cement for submarine work, but in a few instances have used it elsewhere with excellent results; and I feel justified in using it, as I shall the ensuing season, for constructing two beacons to stand in salt water.

Yours very truly,
Jared A. Smith,
Lt.-Col. Corps of Engineers.

HIGH PRESSURE STEAM BOILERS.

Sold by The Babcock & Wilcox Company. 175 Pounds Upwards.

Job No.	Testing Date.	Name, Trade and Address.	Testing Pressure.	W. T. F. Class.	No. of Boiler.	Total H. P.	Working Pressure.
209	13. 4. 86	John Dewrance & Co., Engineers, London.	350	"	1	10	200
233	8. 6. 86	Cie des Tramways du Departement du Nord, France.	330	"	2	135	230
253	18. 8. 86	Pneumatic Pulverizing Co., London.	300	"	1	44	200
276	9. 10. 86	E. Daire, Anselin & Co., Soap Manufacturers, St. Nicholas les Arras.	300	"	1	35	240
303	29. 12. 86	The Cambrian Patent Fuel Co., Limited, Cardiff.	350	"	1	92	250
308	7. 1. 87	The British Pneumatic Pulverizing Co., London, 2d Order.	300	"	1	40	200
331	15. 3. 87	Cadbury Brothers, Chocolate Manufacturers, Birmingham.	300	"	1	93	200
352	13. 5. 87	The Southwark & Vauxhall Water Co., Wandsworth, London.	300	"	4	336	200
362	7. 6. 87	James K. Caird, Manufacturer, Dundee.	360	"	2	272	180
377	3. 7. 87	Cadbury Brothers, Chocolate Manufacturers, Birmingham, 2d Order.	250	"	1	93	200
445	15. 12. 87	Compagnie des Tramways et Omnibus, Lyons, France.	340	"	2	90	240
463	22. 2. 88	The London Electric Supply Corporation, Limited, Deptford.	300	"	6	1500	200
464	22. 2. 88	" " "	300	"	6	1500	200
470	29. 2. 88	S. Z. de Ferranti, Electrician, London.	260	"	1	85	200
480	28. 3. 88	The London Electric Supply Corporation, Limited, Deptford, 3d Order.	300	"	1	93	200
484	19. 4. 88	The Platt Lane Manufacturing Co., Hindley, Lancashire.	240	"	1	124	200
492	22. 3. 88	Tréné Brun & Co., Manufacturers, St. Chamond, France.	325	"	1	92	225
507	8. 6. 88	La Société Francaise de Materiel, Agricole, Dierzon, France.	250	"	1	63	175
512	25. 6. 88	The London Electric Supply Corporation, Limited, Deptford, 4th Order.	300	"	6	1500	200
513	25. 6. 88	" " " 5th Order.	300	"	6	1500	200
230	16. 3. 89	La Espana Industrial de Matias Muntados, Barcelona.	270	"	4	480	180
544	29. 8. 88	Sulzer Frères, Engineers, Winterthur, Switzerland.	270	"	1	140	195
564	4. 3. 89	Anthony Shaw, Son & Pamphilon, Pneumatic Pulverizing Co., Burslem, Staffordshire.	300	"	1	156	200
585	21. 8. 89	La Cie des Tramways et Omnibus de Lyons, 2d Order.	330	"	1	70	228
619	29. 8. 89	Tramways de la Seine, Courbevoie, France, 3d Order.	330	"	3	156	240
653	30. 7. 89	Elwell-Parker & Co., Limited, London.	300	"	1	120	200
661	18. 3. 89	S. Z. de Ferranti, Electrician, London, 2d Order.	300	"	1	120	200
662	18. 3. 89	" " " 3d Order.	300	"	1	120	200
663	18. 3. 89	" " " 4th Order.	300	"	1	120	200
664	18. 3. 89	" " " 5th Order.	300	"	1	120	200
679	25. 6. 89	Alexander Friedmann, Engineer, Vienna.	257	"	1	36	264
690	30. 5. 89	Alexr. Turnbull & Co., Engineers, Bishopbriggs, Glasgow.	300	"	1	51	300
737	21. 5. 89	The Electrical Construction Syndicate, Limited, London.	300	"	9	1404	200
741	16. 7. 89	S. Z. de Ferranti, Electrician, London, 6th Order.	300	"	1	120	200
742	16. 7. 89	" " " 7th Order.	300	"	1	120	200
772	17. 8. 89	Troller Frères, Electricians, Lucerne, Switzerland.	270	"	1	244	180
858	5. 1. 90	Taylor & Brooker, Saw Millers, Dorking, Surrey.	300	"	1	120	200
879	5. 5. 90	Strohl, Schwartz & Co., La Croix-aux-Mines, Vosges, France.	315	"	1	172	240
897	21. 6. 90	Brough, Cunningham & Co., Manufacturers, Dundee.	300	"	1	175	200
949	9. 5. 90	John M. Sumner & Co., Merchants, Manchester.	300	"	1	140	200
951	19. 6. 90	Cadbury Brothers, Chocolate Manufacturers, Birmingham, 3d Order.	250	"	1	192	205
956		G. Luther, Engineer, Braunschweig, Germany.	285	"	2	384	180
1022		Ontario School of Practical Science, Toronto, Canada.	300	"	1	52	200
1076		James Simpson & Co., Limited, Engineers, Delhi, India.	300	"	2	212	180
1093		Bonnefoy, Hijo & Co., Candle Manufacturers, Barcelona, Spain.	300	"	1	15	180
1101		Siemens & Haloke, Electricians, Charlottenburg, Berlin.	240	"	3	660	180
1108		Ganz & Co., Electricians, Buda-Pesth, Hungary.	225	"	3	420	180
1109		John M. Sumner & Co., Merchants, Manchester.	300	"	3	420	200

REMOVAL.

Jersey City, N. J., June 1, 1891.

The A. A. Griffing Iron Company desire to call attention to the fact that they have moved their Chicago office and store into much larger and more commodious quarters at No. 88 Lake Street, that city, which gives their Western manager, Mr. F. W. Somers, much better facilities for catering to the larger and increasing Western demand for Bundy Radiators. Also that Mr. J. R. Bannon, Jr., has resigned his position as Philadelphia Manager, and that Mr. Throop Mason will, for the present, represent them in Philadelphia.

A. A. Griffing Iron Company.

HIGH PRESSURE STEAM BOILERS.

New York, N. Y., May 4, 1891.

To the Editors of the American Architect:—

Dear Sirs, — In view of the great interest which is now being taken in the subject of carrying high steam pressures for compound triple-expansion and quadruple-expansion engines, we beg leave to call your attention to the enclosed list of high-pressure boilers which have been put out by our Glasgow Factory.

The pressures given in the last column are the daily working pressures — many of them 200 pounds, and over, and show that it is not only practicable but economical to carry such pressures, if the engine plant is designed properly.

In this country the Babcock & Wilcox Co., have out a large number of boilers at equally high pressures, among which are those built for the Wood Vulcanizing Co., of New York City, which have been running at 235 pounds daily pressure for the last ten years. Another notable example is a battery of four 100 horse-power boilers, which have been recently erected at the Baldwin Locomotive Works, Philadelphia, to carry 225 pounds daily pressure. A duplicate of one-half of this plant is now being erected for the Schenectady Locomotive Works, and there are a very large number of plants of our make of boiler in the country running very close to these pressures.

Thinking it might be of some interest for you to work up some note in relation to this, especially as the call is for greater economy not only in the line of coal but also in the space occupied, we send you this information.

Yours very truly,
Babcock & Wilcox Co.

The new buildings for the Baltimore Electric Refining Co., at Baltimore, Md., will be made of iron designed and built by the Berlin Iron Bridge Co., of East Berlin, Conn. The rolling mill will be 56 feet in width by 180 feet in length. The refinery building will be 130 feet in width by 80 feet long and the boiler house will be 49 feet in width by 50 feet long.

The buildings will be entirely of iron, no woodwork being used about the construction in any way.

DECORATIVE GLASS.

Owing to the extraordinary increase of our business during the past three years, we find ourselves compelled to add two new stories to our already large factory. We intend, at the same time, putting in an entirely new steam plant, sand-blast machines, elevators, electric motors, etc., embodying all the latest devices of the most approved pattern.

Business will be carried on during the improvements, but as we are liable at times to be somewhat interrupted in our manufacturing, we are forced to ask the indulgence of our patrons for any delays that may occur in filling their orders, caused by unavoidable temporary stoppages.

Builders have contracted to complete their work in sixty days.

On completion of contemplated improvements, together with the addition of many new branches to our well-known line of decorated glass, we will unquestionably have the largest establishment of its kind in the world, and will be in a position to fill all orders, large or small, with unprecedented promptness and despatch.

THE MATTHEWS DECORATIVE GLASS CO.,
328-330 EAST 26TH STREET, NEW YORK, N. Y.

TERRA-COTTA.

WITH a view to further facilitate the handling of our extensive brick and terra-cotta business in the East, we have secured the services of Messrs. Waldo Bros., 88 Water Street, Boston Mass., as our agents for Boston and the vicinity, thus bringing our authorized representatives within immediate call.

They are prepared to give complete and full information as to prices and stock of our large assortment of special colored brick, as well as to promptly furnish estimates and information on terra-cotta, both as to special designs from architects' plans, or in regard to catalogue work.

We are giving special attention to the development of color effects in clay and are given credit for some very successful results.

Among other examples being

Residence of Alex. Cochrane, Commonwealth Avenue, Boston, *McKim, Mead & White*, architects. Red brick.

Cambridge High School, Cambridge, *Chamberlin, Whidden & Austen*, architects. Coral brick.

Jordan Building, Bedford and Kingston Streets, Boston, *Winslow & Wetherell*, architects. Buff terra-cotta and brick.

Pope Building, Columbus Avenue, Boston, *Peabody & Stearns*, architects. Buff brick and white terra-cotta.

Engine House, Harrison Avenue, Boston, *H. H. Atwood*, architect. Buff brick.

Police Station, Hanover Street, Boston, *H. H. Atwood*, architect. Buff brick.

American Legion of Honor, Huntington Avenue, Boston, *Rotch & Tilden*, architects. Buff brick and terra-cotta.

Pray Building, Washington Street, Boston, *Winslow & Wetherell*, architects. Telephone brick and terra-cotta.

Jamaica Plain School-house, Boston, *H. H. Atwood*, architect. Telephone brick.

St. Botolph Street School-house, Boston, *H. H. Atwood*, architect. Telephone brick.

Church of Messiah, Gainsborough Street, Boston, *Rotch & Tilden*, architects. Telephone brick and terra-cotta.

Residence of Wallace Hackett, Portsmouth, N. H., *Ball & Dabney*, architects. Telephone brick.

Fillmore Terrace, Tappan Street, Brookline, *Fehmer & Page*, architects. Gray brick.

Residence of Eben D. Jordan, Jr., Corey Hill, Brookline, *Winslow & Wetherell*, architects. Gray brick.

Madison Square Garden, Madison and 4th Avenues, and 26th and 27th Streets, New York, *McKim, Mead & White*, architects. White terra-cotta.

Broadway Hotel, Broadway and 32d Street, New York, *McKim, Mead & White*, architects. Yellow brick and white terra-cotta.

Racquet Club, West 43d Street, between 5th and 6th Avenues, New York, *Cyrus L. W. Eidlitz*, architect. Pompeian brick and terra-cotta.

Hotel for D. H. King, Jr., West 43d Street, between 5th and 6th Avenues, New York, *Clarence S. Luce*, architect. Yellow brick and white terra-cotta.

Century Club Building, 7, 9 and 11 West 43d Street, New York, *McKim, Mead & White*, architects. White terra-cotta and yellow-gray brick.

Telephone Building, 115, 117 and 119 West 38th Street, New York, *Cyrus L. W. Eidlitz*, architect. Light red terra-cotta and telephone brick.

World Building, Park Row and Frankfort Street, New York, *Geo. B. Post*, architect. Light red terra-cotta and telephone brick.

Residence of Louis C. Tiffany, 72d Street and Madison Avenue, New York, *McKim, Mead & White*, architects. Pompeian terra-cotta and brick.

PERTH AMBOY TERRA-COTTA CO.
160 BROADWAY, NEW YORK.

NOTES.

THE American Electric Elevator Company have recently put in operation an electric elevator in the Grimes Building, Kansas City, which runs at a speed of 250 feet per minute, carrying an average load of 1,200 pounds with nine horse-power. This elevator is giving great satisfaction, and runs more smoothly and quietly than the average hydraulic elevator and nearly equal to the very best hydraulic.

They are now installing a number of their elevators in various parts of the country from Minnesota to Texas, and are at present installing an elevator in the Duquesne Traction Company's car-house at Pittsburgh, Pa., for the purpose of raising the cars, a load of 10,000 pounds, from the tracks on the first floor to the paint shop on the floor above. This elevator is expected to be in operation in a few days, and it will probably be the largest electric elevator at present in existence.

THE AMERICAN ELECTRIC ELEVATOR CO.,
NEW YORK, N. Y.

THE Companhia de Foejas, Brazil, have placed the order for a large iron building to be used in connection with their ship-building plant with the Berlin Iron Bridge Co., of East Berlin, Conn., and the order for the machinery with J. A. Fay & Co., of Cincinnati, Ohio.

The building will be entirely of iron, 165 feet wide by 300 feet long, and will be shipped by steamer from this country the parts being carefully marked so that it can be erected in place by native workmen at Rio de Janeiro.

The Berlin Iron Bridge Co., are doing a large trade with the South American Republics, arising from the closer commercial relations.

A LARGE manufacturer of steam, hydraulic and hand elevators in Baltimore, writes that they have been using Dixon's Graphite Grease on their elevators, for about two years and find it superior to any lubricant they have ever used. They also use it on their wire cables to prevent rust, and for the guides of elevators.

It is made by the Jos. Dixon Crucible Co., of Jersey City, N. J.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ALTERATIONS.

Brooklyn, N. Y. — *Wall St., Nos.* 13-19, three-st'y brick singing-hall, tin roof, two-st'y brick extension, tin roof, and internal alterations; cost, $20,000; owner, Arion Singing Society, on premises; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J. — *Ninth Ave.*, s Central Ave., frame addition to dwell.; owner, W. J. B. Metcalf.

South Fifth St., No. 517, alteration; owner, G. R. Stratton.

Market St. and Delaware Ave., alteration to brick hotel; owners, C. R. Kohl & Bros.

Chelsea, Mass. — *Shawmut St.*, additions to Children's Day Nursery, two stories, 12′ x 50′; contract to be let; architect, S. S. Woodcock, Boston.

Shawmut St., enlargement to the Rufus S. Frost General Hospital; to be connected with first building by corridors; 14 wards, to accommodate 50 patients; size of main addition, three stories, 32′ x 38′, with L, 24′ x 24′; steam-heating; contracts to be let; architect, S. S. Woodcock, Boston.

New York, N. Y. — *Thirteenth St.*, n s, 125′ e Sixth Ave., eight-st'y addition.

One Hundred and Twenty-fifth St., near Third Ave., three-st'y iron and stone addition; cost, $18,000; owner, Messrs. Williams & Co.; architects, Cleverdon & Putzel.

Philadelphia, Pa. — *Cherry St., No.* 926, addition; contractors, Brocklehurst & Ewing.

South Forty-ninth St., No. 1004, addition; contractors, J. & D. Arthur.

South Nineteenth St., No. 1153, addition; contractors, Drummond & Ashman.

Ridge Ave., No. 1639, addition; contractors, W. W. Rea & Son.

Jefferson St., n w cor. Second St., alterations; owner, H. Lukens.

North Thirty-third St., No. 413, addition; contractors, G. E. Sladen & Co.

Corinthian Ave., below Poplar St., alterations to church and dwell.; contractor, H. Luckings.

Eleventh St., s e cor. Poplar St., alterations; owner, M. J. Costello.

Green St., No. 1836, alterations; owner, Mrs. Jefferies.

Hermit St., No. 124, alterations; owner, Hannah Berger.

North Twenty-fourth St., Nos. 609-619, addition; contractor, Rush J. Whitesides.

Tenth St., n w cor. Race St., alterations; owner, C. S. Fritz.

Cherry St., Nos. 321-323, addition; contractor, S. P. Keeney.

Chestnut St., No. 3605, addition; contractor, Howard Durham.

North Front St., No. 2543, addition; contractor, J. C. Kelly.

Filbert St., w Fifty-ninth St., one-st'y addition; contractor, D. S. Gendell.

Franklin St., No. 1313, front alteration; contractor, J. C. Kelly.

North Ninth St., No. 305, addition; contractor, Thomas Eccles.

Nineteenth St., n e cor. Arch St., addition; contractor, John Duncan.

Buckius and Brown Sts., addition; owner, Amos W. Linn.

Fifth and Diamond Sts., addition; contractors, Stewart Bros.

Armat St., No. 42, alterations; contractor, J. D. Caldwell.

North Broad St., No. 2042, addition; contractor, Walter Snyday.

Federal St., No. 524, addition; owner, Jacob H. Koob.

Ludlow St., w Thirtieth St., addition; owner, R. B. Griffith.

Market St., No. 1229, alteration; contractor, Joseph Bird.

North Sixth St., No. 2509, addition; owner, C. Ferry.

Sixty-third and Catharine Sts., addition; owner, William Mahen.

Upsal Pl., No. 1, addition; contractor, Thomas M. Seeds.

Church St., Frankford, addition to freight-station; owners, Pennsylvania R. R.

Montgomery Ave., s e cor. Fourth St., alteration.

Green St., No. 150, alterations; owner, Joseph L. Lyle.

Main St., e s, s Washington Lane, alterations; contractor, W. J. Guenther.

Wallace St., No. 4417, addition; contractors, Charles Smith & Son.

Belgrade St., s w cor. Wellington St., addition to school; contractor, Chas. Judge.

Chew and Gorgas Sts., addition; owner, Isaac R. Pierson.

South Fifth St., No. 213, addition; owner, R. A. Bell.

North Fifth St., No. 3944, addition; owner, John Miller.

Louden St., n s, w Second St., addition; owner, L. B. Bitters.

Manayunk Ave., No. 4453, addition; owner, Joseph Miles.

Twenty-ninth and Dauphin Sts., addition; owner, W. F. Albrecht.

North Thirty-fourth St., Nos. 202-206, additions; contractor, Y. E. Hurley.

Carpenter St., s w cor. Twentieth St., addition; owner, G. M. Harris.

Columbia Ave., No. 1719, alteration; owner, J. L. Evans.

Frankford Ave., No. 1605, alteration; contractors, Brocklehurst & Ewing.

Waltham, Mass.—Alterations to frame dwell.; cost, about $2,500; owner, Edwin Bowker; contract to be let; architect, Willard M. Bacon, Boston.

Worcester, Mass. — *Eastern Ave.*, one-st'y frame addition to dwell.; owner, J. Burns, day work.

APARTMENT-HOUSES.

Chicago, Ill. — John Botheroyd, two-st'y flats, 1403 Lexington St.; cost, $3,400.

Theodore T. Bjartnes, three-st'y flats, 315 West Erie St.; cost, $5,000.

Samuel Snowden, three-st'y flats and barn, 163 North Morgan St.; cost, $6 500.

John Bonfield, two-st'y flats, 4741 Wabash Ave.; cost, $4,000.

E. Keith, two-st'y flats, 4319 Langley Ave.; cost, $4,000.

O. H. Brooks, two-st'y flats, Sixtieth St. and Stewart Ave.; cost, $3,000.

Joseph Criesiski, two-st'y flats, 24 Edgar St.; cost, $4,000.

James Arroyes, 5 two-st'y flats, Drexel Ave. and Seventy-seventh St.; cost, $8,000.

R. J. Anderson, 2 two-st'y flats, 955-957 Sawyer St.; cost, $8,000.

Mrs. Annie Weis, three-st'y flats, 1115 Oakley Ave.; cost, $5,500.

Frank M. Kenge, two-st'y flats, 865 St. Louis Ave.; cost, $3,000.

Mrs. Mary Holland, three-st'y flats, 658 West Twentieth St.; cost, $4,000.

George Vickery, 2 two-st'y flats, 387-389 Sacramento Ave.; cost, $7,000.

John Ganson, 2 two-st'y flats, 1520-22 West Monroe St.; cost, $10,000.
C. H. Nichols, 2 three-st'y flats, 4447-49 Berkley Ave.; cost, $15,000.
John Gorman, three-st'y flats, 322 Sixty-third St.; cost, $4,000.
F. Rodizki, two-st'y flats, 58 Augusta Ave.; cost, $3,400.
Henry Arelie, three-st'y flats, 1015 Halsted St.; cost, $5,000.
D. W. Hayes, two-st'y flats, 644 Layton St.; cost, $3,800.
J. F. Peck, 2 two-st'y flats, Sixtieth and School Sts.; cost, $9,500.
Mrs. Amelia Eeg, three-st'y flats, 298 West Ohio St.; cost, $5,000.
Mrs. Louisa Schatsal, three-st'y flat, 950 North Clark St.; cost, $6,000.
E. F. Cook, three-st'y flats, 651 Warren Ave.; cost, $5,000.
James Kubbeck, two-st'y flat, 684 Fairfield Ave.; cost, $4,000.
R. H. Grufenhaga, 2 four-st'y flats, 459-461 La Salle Ave.; cost, $20,000.
P. J. Sullivan, 2 three-st'y flats, 623-625 Sedgewick St.; cost, $11,000.
Richard Roteris, two-st'y flat, 1225 Wilcox Ave.; cost, $4,500.
Jos. Symaskye, two-st'y flats, 8855 Escanaba Ave.; cost, $3,500.
C. Eldrew, two-st'y flats, 5029 Indiana Ave.; cost, $4,000.
O. M. Fogg, two-st'y flats, 4654-56 Wabash Ave.; cost, $3,000.
John Millott, 2 two-st'y flats, 7101-03 Dickey Ave.; cost, $10,000.
William Wago, three-st'y flats, 70 Howe St.; cost, $4,000.
J. J. Lichtenthal, four-st'y flats, 127 Larrabee St.; cost, $8,000.
A. Q. Baldwin, two-st'y flat, 1383 Fulton St.; cost, $3,200.
Henry McGuren and R. C. Sullivan, 7 two-st'y flats, 1334-42 Fulton St. and 81-83 Francisco St.; cost, $20,000.
George S. Spensail, two-st'y flats, 311 Lewis St.; cost $4,000.

Albert Larson, 2 two-st'y flats, 63-65 Moffat St.; cost, $3,600.
Henry Schurlenberg, two-st'y flat, 3025 Forrest Ave.; cost, $4,500.
Mrs. Kate Dooty, two-st'y flat, 3704 South Paulina St.; cost, $3,300.
D. F. Bacon, three-st'y flats, 5487 Jefferson Ave.; cost, $7,000.
John J. McKenna, 2 two-st'y flats, 4801-03 Wabash Ave.; cost, $11,000.
John Brown, three-st'y flats, 1185 Wrightwood Ave.; cost, $4,500.
Stephen G. Clark, three-st'y flats, 1651-63 Briar Pl.; cost, $10,000.
Mrs. B. Marsh, 2 four-st'y flats, 2976-78 South Park Ave.; cost, $27,000.
S. Christieson, 2 three-st'y flats, 460-462 West Indiana St.; cost, $10,000.
John Bowman, two-st'y flats, 647 Washburn Ave.; cost, $3,400.

New York, N. Y.—*Thirty-sixth St.*, n s, 125′ e Ninth Ave., five-st'y brick flat, tin roof; cost, $25,000; owner, John Curry, 208 West One Hundred and Fourth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

West Twenty-first St., No. 325, five-st'y brick flat, tin roof; cost, $20,000; owner, Wm. H. Cornet, 454 West Fiftieth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

James St., No. 67, five-st'y brick flat, tin roof; cost, $23,000; owners, Weil & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

Twenty-fifth St., s s, 155′ 5″ w Seventh Ave., five-st'y brick flat, tin roof; cost, $30,000; owners, Lawson & Quackenbush, 142 West One Hundred and Third St. and 218 West Thirty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Ninth Ave., e s, 50′ n Seventieth St., 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, Ellen McK. Gunning, 101 West Eighty-sixth St.

West Fiftieth St., Nos. 243-245, 2 five-st'y brick flats, tin roofs; cost, $60,000; owner, John Laimbeer, 416 West Twentieth St.; architect, G. F. Pelham, 1481 Broadway.

Depo St. or Vanderbilt Ave., s w cor. Kingsbridge Road, 3 four-st'y brick flats, tin roofs; cost, $45,000; owner, John B. Haskin, Fordham, N. Y.; architect, A. B. Marshall, 2831 Bainbridge Ave.

One Hundred and Sixteenth St., s s, 225′ e Eighth Ave., 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, Harry C. Horton, 112 West One Hundred and Twenty-sixth St.; architect, J. Averill Webster, 250 West One Hundred and Twenty-fifth St.

One Hundred and Forty-sixth St., s s, 200′ w Third Ave., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, Jacob Cohen, 225 East Seventy-ninth St.; architects, Cohen & Keister, 55 West Thirty-third St.

One Hundred and Second St., s s, 100′ e Boulevard, 2 five-st'y brick flats, tin roofs; cost, $46,000; owner, Lewis M. Muller, 241 Union St., Brooklyn; architect, Albert Lang, 243 East Seventy-first St.

West Twenty-first St., No. 327, five-st'y brick flat, tin roof; cost, $20,000; owner, James B. Gillie, One Hundred and Fifty-second St. and St. Nicholas Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

CHURCHES.

Charleston, S. C.—Plans have been prepared for an edifice for Emanuel African M. E. Church, to cost about $40,000.

Chicago, Ill.—Hamlin Ave. M. E. Church, 292-296 Hamlin Ave.; cost, $3,500.
S. Ludnily, church, 1125-29 Albany Ave.; cost, $10,000.

Philadelphia, Pa.—*Comly St.*, n s, w Jackson St., frame church; contractor, John W. Rhoads.

Staunton, Va.—An edifice, to cost about $20,000, is contemplated by the Presbyterians.

Worcester, Mass.—*John St.*, one-st'y frame chapel; owners, Mt. Olive Baptist Church Society; contractor, O. M. Ball; architect, Stephen C. Earle.

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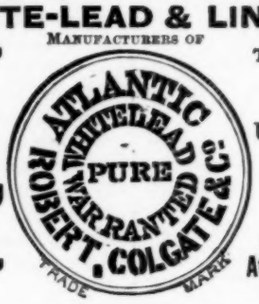

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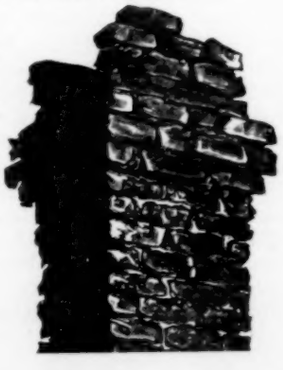

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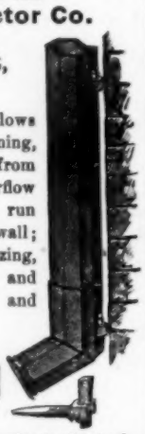

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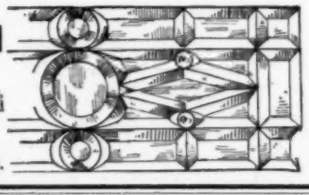

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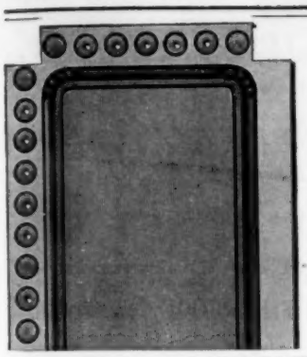

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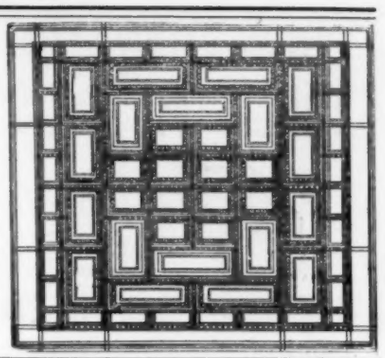

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Spruce	@ 25 00	13 00 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
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Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
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Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	{30" $35 @ 40 / 24" 8 @ 21
Cedar, split ₱ M	@	@	*Not sold.*	{20" 35 @ 14
Cedar, sawed "	@	2 00 @ 4 00	2 00 @ 2 35	11 00 @ 14 00
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Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ ft	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	80 00 @ 120 00	55 00 @ 100 00	50 00 @ 17 00
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Up River		8 00 @ 9 00	Indiana Pressed	Sq. " @ 00
Haverstraw Bay 2nd	5 75 @ 6 00	Domestic Com.	14 00 @ 20 00	Light Stretchers @ 10 00
" 1st	6 00 @ 6 25	9 50 @ 10 00	St. Louis Fronts	Medium " @ 12 00
Hollow	@ 13 00	Domestic Face	@ 27 00	Red " @ 13 00
Fronts		20 00 @ 22 00		Dark " @ 13 00
Croton, Brown	@ 13 00	Philadelphia		Pressed 18 00 @ 20 00
" dark	@ 14 00	40 00 @ 45 00	15 00 @ 27 00	Best Paving @ 14 00
" red	@ 14 00	Phila. mould	65 00 @ 350 00	Second " @ 13 00
Chicago pressed (Anderson)		50 00 @ 80 00	45 00 @ 55 00	Third " @ 12 00
Chicago Moulded			45 00 @ 50 00	
Baltimore	37 00 @ 41 00	Anderson	45 00 @	Dom. @ 65
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	25 00 @	@ 85
Trenton	22 00 @ 23 00		60 00 @ 100 00	
Milwaukee			30 @	1 30 @ 50
Moulded:			35 @	B S & Co 275 @ 300
Glens Falls Red Pressed	@ 37 00		55 00 @ 65 00	2 85 @ 3 25
" " Buff "	@ 36 00			2 85 @ 3 15
" " Moulded Red & Buff	45 00 @ 70 00		@ 100 00	2 75 @ 3 00
Enamelled: *Imp.*			@ 120 00	2 85 @ 3 15
Enamelled (edge.)	85 00 @ 100 00			2 75 @ 2 85
Enamelled (edge and end)	90 00 @ 115 00			Hemmoor
CEMENT, LIME, etc.—(₱ *cask.*)				2 50 @ 2 75
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Louisville "		Brooks, S. & Co	1 05 @ 1 30	Josson
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(K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 4 40	
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	
" " (Lagerdofer)	@	2 55 @ 3 0	2 75 @ 3 00	
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	
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Roman	2 75 @ 3 00	3 00	2 75 @ 3 25	
Keene's coarse	5 75 @ 6 50	6 00	6 00 @ 7 00	
" superfine	9 25 @ 10 25	11 50	9 @ 10 50	
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
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Chicago Lime in bulk		St. ohn 1 00	55 @	White Mass
Wisconsin "			60 @	1 25 @ 1 50
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Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
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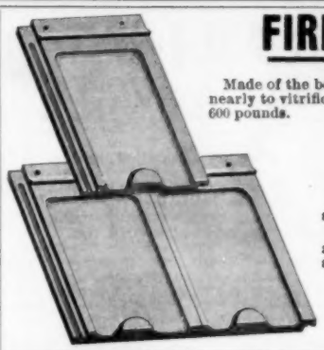

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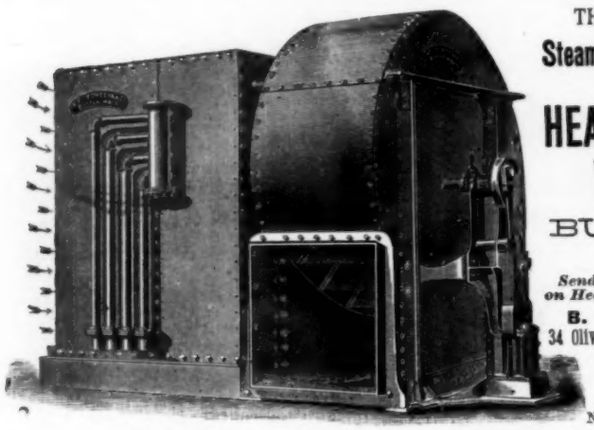

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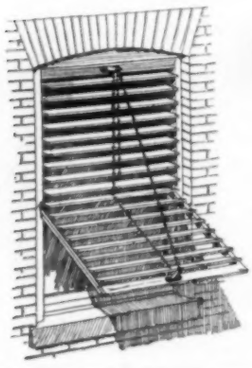

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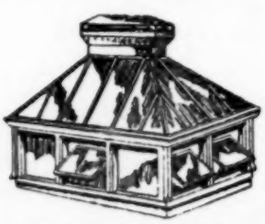

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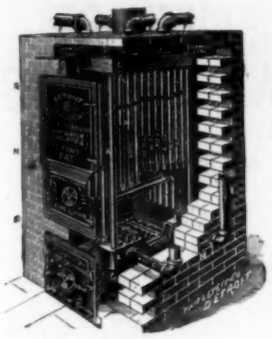

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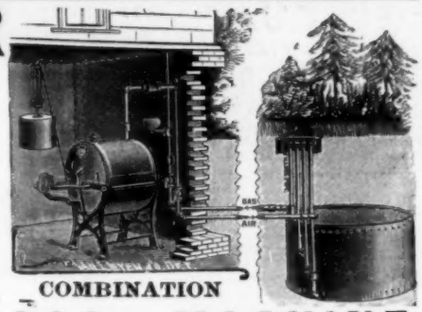

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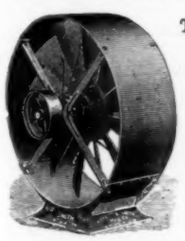

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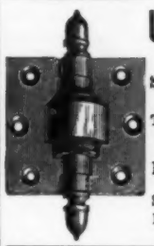

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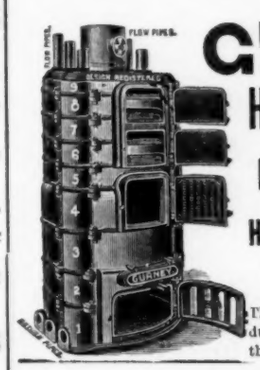

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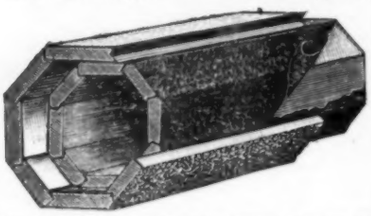

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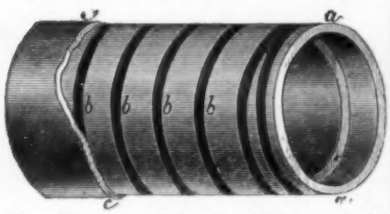

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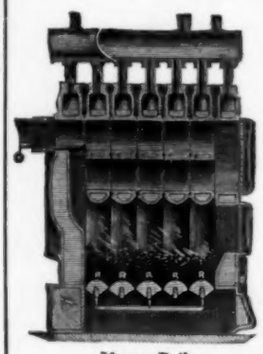

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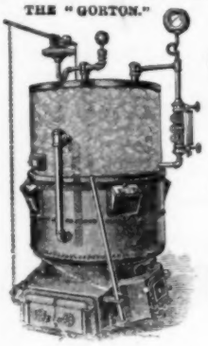

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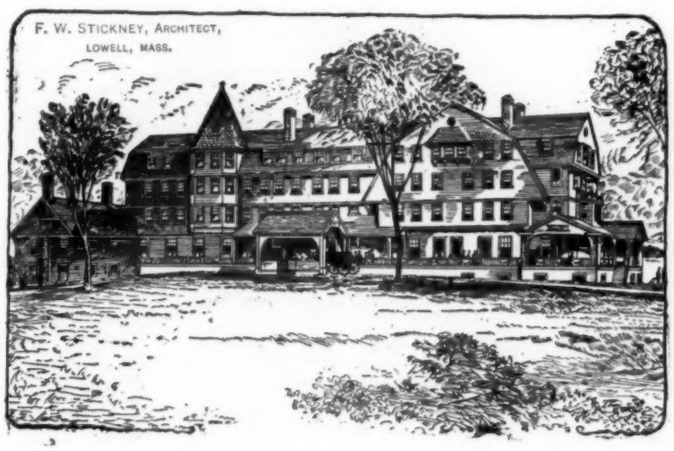

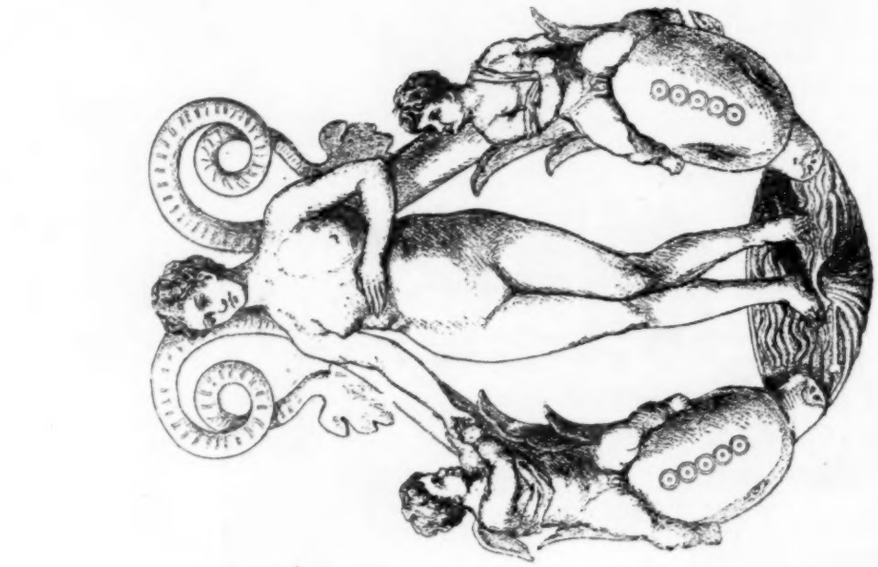

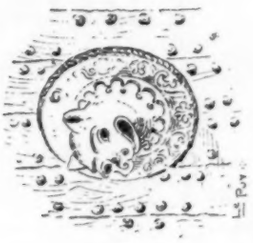

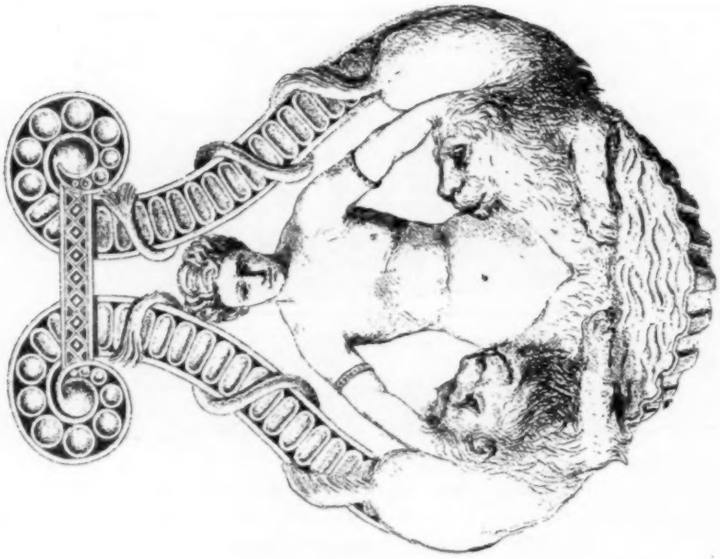

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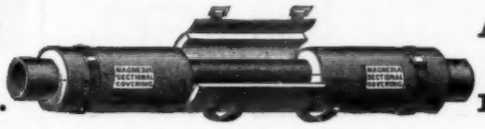

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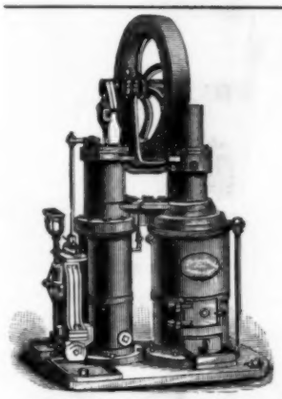

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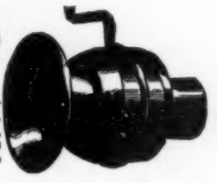

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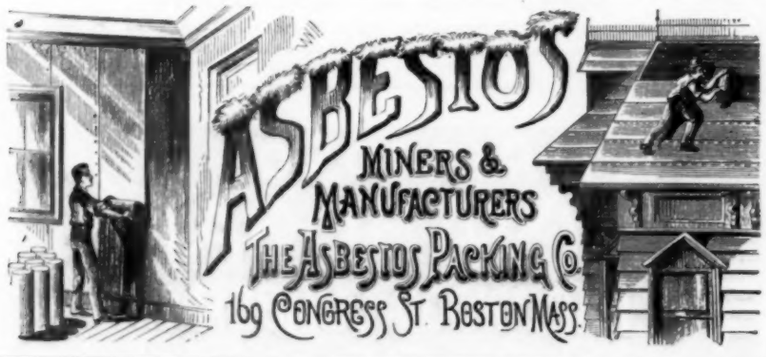

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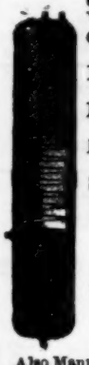

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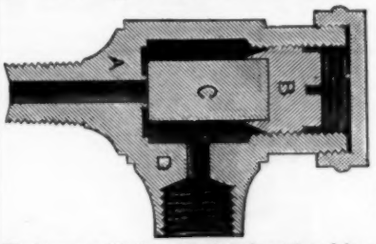

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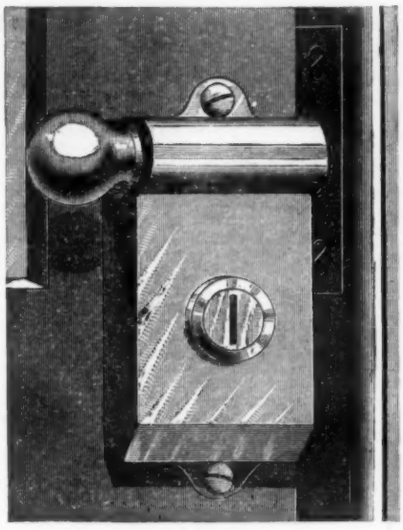

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From Antwerp.—Steamer "*De Ruyter*" 500 casks cement, order. Steamer "*Noordland*," 500 barrels cement, E. Thiele; 2,000 do., order. Steamer "*Apollo*," 2,000 barrels cement, Canadian Bank of Commerce; 3,742 casks do., 1,600 barrels do., order.

From Bristol.—Steamer "*Jersey City*," 1,000 cases bricks, Hammill & Gillespie.

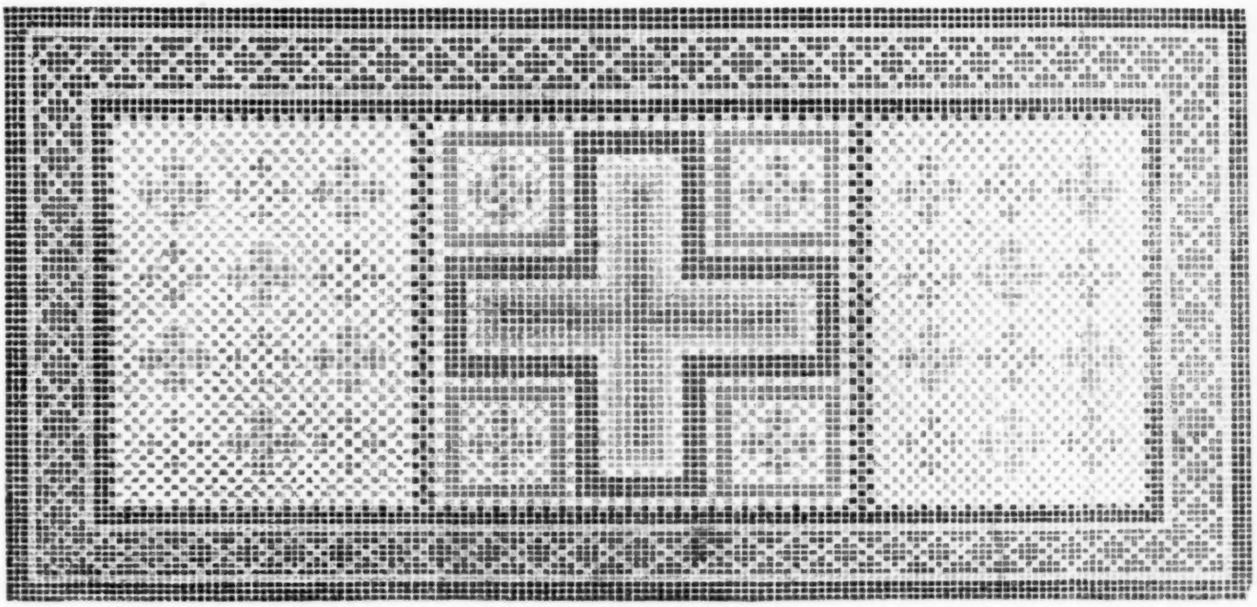
From Copenhagen.—Steamer "*Thingoalla*," 60 bales cattle-hair, order.

From Glasgow.—Steamer "*Circassia*," 11 cases

(*Continued on page xix.*)

MOSAICS

FOR THE CHURCH. Including Floors for Baptistery, Choir and Sanctuary; Wall Treatment, and Panels for Altar and Reredos. Figure Subjects a specialty. Work executed in Roman (marble) or Venetian (glass) Mosaic. Special Designs and Photographs forwarded on request. *Send for Hand-book.*



FOR THE HOUSE. Including Floors for Bath Room, Reception Room and Halls; Wall Panels; Hearths; Panels for Mantels, Etc. Ornaments executed in Colors and Gold. Figure Subjects a specialty. *Send for Hand-book.*

SOME OF THE IMPORTANT COMMISSIONS WE NOW HAVE ON HAND, are:

Altar and Reredos for Christ Church, Chicago. Important Figure Subjects,

Entire end of Sanctuary Wall, Altar and Reredos for Memorial Church, Johnstown, Pa.

Entire Pulpit Alcove, Heroic Figure Group, Angel of the Resurrection — Marys at the Tomb, for Emanuel Presbyterian Church, Clifton, Cincinnati.

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Seal of the Dauphin, Humbert II.

Seal of the Confederate States of America.

Plaque: Post equitem sedet atra cura:
Alfred Gilbert ARA. Sculptor

12th Century Mosaic. Dome of the Palatine Chapel, Palermo, Sicily.

From a Greek Vase.

ROUNDELS.

granite, Henderson Bros.; 80 do., W. C. Townsend; 5 do., E. Foley; 1 box marble, McNeeley & Co.

From Hamburg. — Steamer "*Scandia*," 1,762 casks Portland cement, Agency of Nevada Bank.

From Hull. — Steamer "*Colorado*," 190 casks glazed bricks, Meeker & Carter.

From London. — Steamer "*Lydian Monarch*," 1,000 casks cement, E. Thiele; 9 bales cattle-hair, John H. Lyon & Co.; 950 casks cement, Bank of British North America; 1,400 casks cement, order. Steamer "*Richmond Hill*," 700 casks cement, Marcial & Co.; 1,000 casks Portland cement, E. Thiele; 1,000 do., Bank of British North America; 1,000 barrels Portland cement, 1,026 casks cement, order. Steamer "*Holland*," 1,000 casks cement, Hammill & Gillespie; 600 do., Howard Fleming; 1,000 do., 4 cases marble, order.

From Rotterdam. — Steamer "*Rotterdam*," 746 casks cement, order. Steamer "*Spaarndam*," 2,040 casks cement, E. Thiele; 1,100 do., E. Thiele; 1,499 do., order. Steamer "*P. Caland*," 1,254 casks cement, order.

From Stettin. — Steamer "*India*," 500 barrels cement, order.

From Swansea. — Steamer "*Jersey City*," 5,000 bricks, Aug. T. Chur.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass. — *Boylston and Providence Sts.*, Ward 11, alterations to basement for café; owner, H. T. Sears; builder, J. W. Britty.

Brooklyn, N. Y. — *Clinton St.*, s e cor. Amity St., three-st'y brick dwell., tin roof; roof raised, three-st'y brick extension, tin roof added, internal and other alterations; cost, $15,000; owners, R. L. Cutler, 198 Baltic St.; architects, D'Oench & Simon, 17 William St., New York City.

Broadway, e s, 75′ s Fayette St., one-st'y brick store, tin roof; raised three stories, internal and other alterations; cost, $7,000; owner, Wm. Andrews, 1370 Broadway; architect, Th. Engelhardt, 905 Broadway.

Broadway, Nos. 287-291, 3 one-st'y brick stores, gravel roofs, one-st'y brick extensions, gravel roofs; cost, $1,000 each; owner, James R. Howe, 188 South Ninth St.; architect, Benj. Finkensieper, 93 Broadway.

Chicago, Ill. — J. A. Fard, two-st'y addition, 3118 Lake Ave.; cost, $2,500.

J. W. Phillips, basement, 3611 South Paulina St.; cost, $1,200.

J. E. Gould, two-st'y addition, 2119-21 Cottage Grove Ave.; cost, $3,200.

Elizabeth Beattie, one-st'y addition, 3719 South Halsted St.; cost, $2,500.

Mrs. Clara Meyers, two-st'y addition, 471 North Clark St.; cost, $1,500.

S. Loekner, basement, 1150 North Halsted St.; cost, $1,500.

Mr. Shonte, one-st'y addition, 1052 Lincoln St.; cost, $1,000.

M. Papengood, one-st'y addition, 3955 Atlantic St.; cost, $1,400.

F. Sobell, basement, 949 Thirty-fifth St.; cost, $1,200.

M. Shonk, one-st'y addition, 1052 Lincoln Ave.; cost, $1,000.

Mrs. M. Bungart, one-st'y addition, 1016 Wilson St.; cost, $1,500.

A. E. Seeing, one-st'y addition, 4561 Lake Ave.; cost, $1,600.

M. Nieman, one-st'y addition, 475 Seminary Ave.; cost, $1,000.

John Friedel, two-st'y addition, 814 Alport St.; cost, $1,200.

M. Sullivan, four-st'y addition, 95 Oak St.; cost, $2,000.

Otto Loadinig, addition, 853 Seminary Ave.; cost, $1,800.

William Lau, two-st'y addition, 13617 Indiana St.; cost, $2,000.

Alfred Strong, additions, 583 Racine Ave.; cost, $1,300.

Germantown, Pa.—*Main St., No.* 4511, front alteration; builder, M. D. Wartman, 48 Mechlin St.

Adam St., e s, n Lafayette St., one-st'y addition to dwell.; builder, James J. Sharp, cor. Lafayette and Wayne Sts.

Philadelphia, Pa. — *North Twenty-second St., No.* 230, one-st'y frame addition to back building; builders, J. W. Saunders & Son, 230 North Twenty-second St.

Fetter Lane, No. 3, front and interior alterations; owner, L. S. Ashwan.

Gray's Ferry Road, No. 611, one-st'y addition to dwell.; builder, W. T. Graham, 522 South Twenty-third St.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Classon Ave.*, w s, 150′ s Flushing Ave., four-st'y brick flat, tin roof; cost, $9,000; owner, P. Fred Lenhorst, Greene Ave.; architect, W. A. Bennet.

Carroll St., s s, 118′ 5″ w Henry St., 2 three-st'y brick flats, tin roofs; cost, $3,600 each; owner, John Weldon, on premises; architect, Robert Dixon, 219 Montague St.

Hart St., n s, 80′ w Sumner Ave., four-st'y brick apartment-house, cement and gravel roof; cost, $8,000; owner, Bernard F. Kilduff, 597 DeKalb Ave.; architect, M. J. Morrill, 357 Fulton St.

Gold St., e s, 300′ n Fulton St., five-st'y brick flat, tin roof; cost, $12,000; owner, M. J. McLaughlin, 100 Kosciusko St.; architects, J. D. Reynolds & Son, 363 Fulton St.

Chicago, Ill.—Carl Grise, three-st'y flats, 104 Werder St.; cost, $3,500.

William Chandler, two-st'y flats, 637 Flournoy St.; cost, $4,000.

Mrs. Ida Baumfort, three-st'y flats, 331 Hastings St.; cost, $3,500.

F. Mettelsteadt, 2 two-st'y flats, 41 De Kalb St.; cost, $7,000.

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BUILDING INTELLIGENCE.

Frank Pekerek, two-st'y flats, 5001 Throop St.; cost, $1,000.

Fred Worthstrom, two-st'y flat, 1336 Newport St.; cost, $2,500.

N. E. Palmer, two-st'y flat, 6744 Evans Ave.; cost, $1,500.

H. Raecke, two-st'y flat, 525 Sacramento Ave.; cost, $3,500.

F. M. McGuire, two-st'y flat, Forty-eighth and Wallace Sts.; cost, $1,000.

M. O. Keefe, two-st'y flats, Forty-eighth and Wallace Sts.; cost, $1,000.

M. Palvelezyk, two-st'y flats, 8351 Mackinaw St.; cost, $1,100.

New York, N. Y. — *Catharine Slip, Nos.* 1, 3 *and* 5, five-st'y brick flat, tin roof; cost, $35,000; owner, John W. Arfman, 1 Catharine Slip; architect, J. Kastner, 744 Broadway.

Ninety-fifth St., s s, 100′ w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $48,000; owner, Francis J. Hillenbrand, 179 West One Hundred and Second St.; architect, Charles Sidney, 250 West One Hundred and Twenty-fifth St.

Rivington St., No. 146, *and Suffolk St., No.* 161, 2 six st'y brick flats, tin roofs; cost, $90,000; owner, Peter Herter, Jersey City, N. J.; architects, Herter Bros., 191 Broadway.

Eighty-ninth St., s s, 100′ w Second Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, John B. Cannon, 1993 Seventh Ave.; architect, Henry Davidson, 222 Ninth Ave.

West Thirty-fifth St., No. 440, five-st'y brick flat, tin roof; cost, $18,000; owner, Archibald Smith, 264 West Twenty-second St.; architect, James W. Cole, 408 West Fifty-first St.

Lexington Ave., s w cor. One Hundred and Twenty-first St., five-st'y brick flat, tin roof; cost, $75,000; owner, Henry C. Tuke, 58 East One Hundred and Fourth St.; architect, John C. Burne, 1531 Third Ave.

First Ave., n w cor. One Hundred and Fifth St., 4 five-st'y brick flats, tin roofs; cost, $110,000; owner, Samuel T. Bennett, 174 East One Hundred and Twelfth St.; architects, Wolgrove & Israels, 99 Nassau St.

Canal St., s e cor. Forsyth St., six-st'y brick flat, tin roof; cost, $25,000; owner, Bernard Galewski, 170 Henry St.; architects, Schneider & Herter, 48 Henry St.

Monroe St., No. 244, five-st'y brick flat, tin roof; cost, $19,000; owner, John V. Campbell, 426 West Twenty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Forty-eighth St., n s, 100′ w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, L. K. Ungrich, 260 West Thirty-fifth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

East Twenty-ninth St., No. 121, four-st'y brick flat, tin roof; cost, $22,000; owner, Jos. Emrich, Jr., Fordham Heights, N. Y.; architect, Alexander I. Finkle, s w cor. Broadway and Spring St.

Twenty-sixth St., s s, 125′ w First Ave., 2 five-st'y brick flats, tin roofs; cost, $44,000; owners, McCormick & Madden, 319 East Fifty-sixth St.; architect, John Hauser, 323 East Eighty-third St.

One Hundred and Twelfth St., s w cor. Second Ave., five-st'y brick flat, tin roof; cost, $30,000; owner, John E. Hasler, Seventy-second St. and Eighth Ave.; architect, Joseph Wolf, 55 Liberty St.

Lexington Ave., e s, from One Hundred and Ninth to One Hundred and Tenth Sts., 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, John Hickey, 83 East One Hundred and Tenth St.; architect, Edward Wenz, 1491 Third Ave.

Amsterdam Ave., e s, 275′ s One Hundred and Thirty-third St., 3 five-st'y brick flats, tin roofs; cost, $72,000; owners, Matthew C. and Chas. Kervan, 106 West One Hundred and Twenty-seventh St. and 2671 Third Ave.

Bedford St., e s, 97′ s Christopher St., five-st'y brick and stone flats; owner, G. C. McLouglin; architect, F. Ebeling.

Ninety-fourth St., n s, 100′ w Columbus Ave., 2 five-st'y flats; owner, F. J. Hillenbrand; architect, Charles Sidney.

(*Continued on page* xx.)

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BUILDING INTELLIGENCE.

St. Louis, Mo. — Two-st'y brick flats; cost, $5,000; owner, J. Gaffney; contractor, T. H. Roach.

CHURCHES.

Georgetown, Ky. — The congregation of Broadway Christian Church contemplate building an edifice, to cost about $30,000.

Norfolk, Va. — It is contemplated to expend $100,000 to build an edifice for Granby St. Methodist-Episcopal Church.

FACTORIES.

Chicago, Ill. — John Angus, two-st'y paint-factory, 402-406 Fullerton St.; cost, $15,500.

A. Blondin, five-st'y factory, 37-43 West Washington St.; cost, $10,000.

Detroit, Mich. — A. G. Hollands, brick factory-building, 101 McKinstry Ave.; cost, $5,000.

HOTELS.

Harriman, Tenn. — The East Tennessee Land Company will build a three-st'y brick and stone hotel; cost, abt. $125,000; architect, J. W. Beal, Boston, Mass.

HOUSES.

Baltimore, Md. — Pinning Bros., 5 three-st'y brick buildings, beg. s w cor. Broadway and Eager Sts.

Geo. W. Parks, 5 two-st'y brick buildings, s s Winchester St.; and 13 two-st'y brick buildings, e s Stockton St., s Winchester St.

Jas. W. Paca, 5 two-st'y brick buildings, n s Riggs Ave., bet. Stockton St. and Carrollton Ave.

Edw. J. Gallagher, 10 two-st'y brick buildings, n s Baltimore St., bet. Cannon St. and Port Alley; and 6 two-st'y brick buildings, w s Cannon St.

Brooklyn, N. Y. — *Greene Ave.*, n s, 100′ w Knickerbocker Ave., 2 four-st'y frame dwells., tin roofs; cost, $7,000 each; owner, John Esurien, Myrtle Ave.; architect, A. Herbert, 145 Broadway.

Fourth St., n s, 197′ 10½″ w Eighth Ave., 5 three-st'y brick dwells., tin roofs; cost, $4,600 each; owners, architects and builders, Allan Bros. & Co., Arbuckle Building.

Marcy Ave., n e cor. Lafayette Ave., three-st'y brick dwell., tin roof; cost, $14,000; owner, Clifton Stephens, 629 Lafayette Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Bushwick Ave., e s, 60′ n Van Voorhis St., 3 three-st'y frame dwells., tin roofs; total cost, $16,000; owner, Philip Steingotter, Bushwick Ave. and Van Buren St.; architect, Th. Engelhardt, 905 Broadway.

Hart St., s s, 100′ e Central Ave., 3 three-st'y frame dwells., tin roofs; cost, $3,000 each; owner, Wm. Lindemann, 124 Stanhope St.; architect, Benj. Finkensieper, 93 Broadway.

Leonard St., *No.* 73, bet. Boerum and Johnson Aves., four-st'y frame dwell., tin roof; cost, $6,000; owner, C. Valentine, 88 Meserole St.; architects, D. Acker & Son, 752 Broadway.

Putnam Ave., s s, 305′ e Stuyvesant Ave., 5 three-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Chas. Isbel, Putnam Ave.; architects, D. Acker & Son, 752 Broadway.

Pennsylvania Ave., e s, 200′ s Glenmore Ave., three-st'y frame dwell., tin roof; cost, $4,000; owner, Chas. E. Maguire, 118 Pennsylvania Ave.; architect, J. H. Maguire, 155 Liberty Ave.

Devoe St., s s, 90′ 10″ w Judge St., four-st'y frame dwell., tin roof; cost, $6,500; owner, Marguerite Ruoff, 12 Metropolitan Ave.; architect, Th. Engelhardt, 905 Broadway.

Macon St., s s, 98′ e Ralph Ave., 5 two-st'y brick dwells., tin roofs; total cost, $22,000; owner and architect, John R. Pitt, 297 Stuyvesant Ave.

Lexington Ave., n s, 200′ e Throop Ave., 4 two-st'y brick dwells., tin roofs; cost, $3,500 each; owner, David S. Beasley, Van Buren and Sumner Aves.; architects, J. D. Reynolds & Son, 363 Fulton St.

Seventh Ave., n s, 200′ w Fifth Ave., 3 three-st'y brick dwells., tin roofs; cost, $4,500; owner, Mary Miller, 261 Thirteenth St.; architect, George M. Miller, 420 Fifth Ave.

Hancock St., s s, 24′ e Lewis Ave., 7 two-and-one-half-st'y brick dwells., tin roofs; cost, $5,000 each; owners, McWhinney & Aronson, 925 Myrtle Ave.; architects, Langston & Dahlander, 1239 Bedford Ave.

Devoe St., n s, 150′ e Leonard St., three-st'y frame dwell., tin roof; cost, $5,000; owner, Peter Carrol, 71 Devoe St.; architect, Th. Engelhardt, 905 Broadway.

Bergen St., s s, 99′ 4″ e Hopkinson Ave., two-st'y frame dwell., tin roof; cost, $3,550; owner, Mrs. T. Nevins, 220 Waverley Pl., New York City; architects, H. Ramsay & Son, 1037 Bergen St.

Sackett St., n s, 340′ e Fourth Ave., three-st'y brick dwell., office and wagon room, tin roof; cost, $4,500; owner, John Prosser, 685 Sackett St.; architects and builders, John Prosser & Son, 685 Sackett St.

Oakland St., w s, 180′ n Van Cott Ave., three-st'y frame dwell., cement and gravel roof; cost, $4,500; owner, Andrew E. Walker, 97 Milton St.; architect, F. Weber, 211 Manhatten Ave.

Eckford St., e s, 80′ s Norman Ave., three-st'y frame dwell., gravel roof; cost, $4,000; owner, Benedict Brenner, Eckford St. and Norman Ave.; architect, Thomas Stiles, Milton St.

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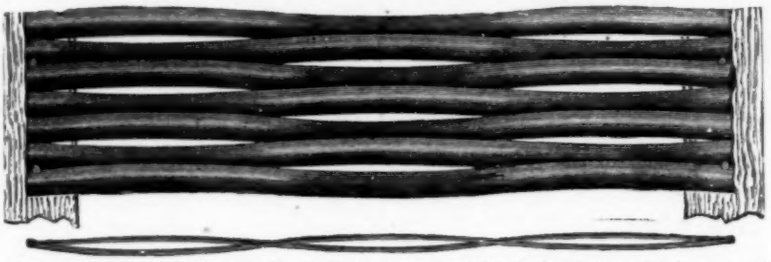
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BUILDING INTELLIGENCE.

Van Cott Ave., s s, 20′ w Kingsland Ave., three-st'y frame dwell., gravel roof; cost, $6,000; owner, N. Smith, 25 Newell St.; architect, J. F. Conlon, 732 Leonard St.

Warwick St., w s, 200′ s Fulton St., 3 two-st'y frame dwells., tin roofs; cost, $3,000; owner, Emma Newman, Warwick St.; architect, A. J. Warren, 2583 Atlantic Ave.

Putnam Ave., n s, 95′ e Stuyvesant Ave., 7 two-and-one-half-st'y brick dwells., tin roofs; cost, $35,000; owner, Charles Herr, 748 Putnam Ave.; architect, F. J. Lessing, 91 Ralph Ave.

Greene Ave., n s, 260′ e Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, $3,500; owner, J. Schilling, New York; architect, W. Loerch, 61 Himrod St.

Livonia Ave., n s, 50′ w Thadford Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, Pauline Hartman, Watkins St.

Van Siclen Ave., e s, 125′ n Glenmore Ave., two-st'y frame dwell., tin roof; cost, $3,300; owner, Anna M. Rose, 158 Van Siclen Ave.; architect, A. J. Warren, 2583 Atlantic Ave.

Osbourne St., w s, 25′ n Livonia Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, Adolphus Gload, 38 Eldert St.; architect, H. Vollweiler, 486 Hart St.

Miller Ave., w s, 40′ s Arlington Ave., 3 two-st'y frame dwells., tin roofs; cost, abt, $2,000 each; owners, architects and builders, George Fletcher & Sons, 38 Grove St.

Macon St., n s, 195′ w Lewis Ave., two-st'y brick dwell., tin roof; cost, $4,500; owner, F. B. Norris, 270 Lewis Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Fourteenth St., n s, 217′ 10½″ e Eighth Ave., 5 two-st'y brick dwells., tin roofs; cost, $3,800 each; owner, Mrs. G. F. Beatty, 745 Franklin Ave.; architect and builder, G. F. Beatty, 745 Franklin Ave.

Woodbine St., s e s, 100′ e Hamburgh Ave., 11 two-st'y frame dwells., tin roofs; cost, $3,000 each; owners, architects and builders, Francisco Bros., 293 Evergreen Ave.

Forty-seventh St., n s, 105′ e Third Ave., three-st'y frame dwell., tin roof; cost, $4,000; owner, James Burke, 473 Third Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Halsey St., s s, 200′ w Reid Ave., two-st'y brick dwell., tin roof; cost, $4,500; owner, Josephine A. Garrigues, 435 Madison St.; architect, Geo. Ladue, 136 Quincy St.

Essex St., w s, 90′ s Ridgewood Ave., 2 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, James Miller, Ridgewood Ave., near Shepherd Ave.

Lewis Ave., e s, 80′ s DeKalb Ave., four-st'y brick dwell., tin roof; cost, $5,000; owner, J. F. Graham,

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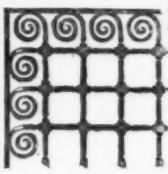

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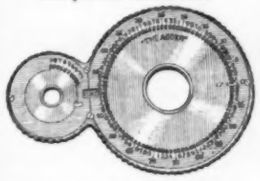

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229 Sumner Ave.; architect, E. Selover, 207 Van Buren St.

Carlton Ave., No. 84, three-st'y brick dwell., tin roof; cost, $5,000; owner, Thos. Lieb, 512 Sixth St., New York City; architect, Carl F. Eisenach, 59 Court St.

Conover St., w s, 150′ s King St., three-st'y frame dwell., tin roof; cost, $3,000; owner, Patrick Dowd, 154 Conover St.; architect, Thomas Bromell, 67 Sullivan St.

Ewen St., e s, 25′ s Withers St., three-st'y frame dwell., gravel roof; cost, $4,500; owner, Mrs. Coleman, 378 Ewen St.; architect, C. Dunkhase, 44 Manhattan Ave.

Hamburg Ave., e s, 20′ s Woodbine St., 8 two-st'y frame dwells., tin roofs; cost, $2,200 each; owners, architects and builders, Francisco Bros., 293 Evergreen Ave.

Macon St., n s, 175′ w Lewis Ave., 3 two-and-one-half-st'y brick dwells., tin roofs; cost, $5,000 each; owner, F. B. Norris, 270 Lewis Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Chicago, Ill. — Michael Stilz, cottage, 107 Canalport Ave.; cost, $1,000.

Vopicka Kubin, six cottages, 1524-39 Bronson St.; cost, $4,800.

J. A. Johnson, cottage, 889 Racine Ave.; cost, $1,000.

F. S. Baker, two-st'y dwell., 1031 Early Ave.; cost, $3,000.

J. W. Langham, cottage, 634 Sawyer St.; cost, $1,500.

James B. Lowry, cottage, Langley Ave. and Ninety-fifth St.; cost, $1,200.

Steele & Corgan, cottage, Sixtieth St., near Winter St.; cost, $1,400.

A. Linn, 2 two-st'y dwells., 6900-13 Paulina St.; cost, $3,000.

C. S. Vinzens, two-st'y dwell., 340 Ninety-first St.; cost, $2,600.

L. Tiemann, five cottages, 3320, 3354, 3400, 3401 and 3356 Fisk St.; cost, $4,000.

C. A. Levin, two-st'y dwell., Cleveland Ave. and Sixtieth St.; cost, $1,800.

BUILDING INTELLIGENCE.

August Zine, cottage, Diversey St., near Herndon St.; cost, $1,400.

C. Henbline, cottage, Woodlawn Ave., near Eightieth St.; cost, $1,200.

M. Tegalo, cottage, 3257 Dashiel St.; cost, $1,000.

P. D. Bauld, cottage, 227 Francisco St.; cost, $1,000.

Guy A. Seaverns, six cottages, 1367-85 Thirty-first St.; cost, $4,800.

L. Grosslins, two-st'y dwell., 1966 Thirty-eighth St.; cost, $1,200.

W. W. Simons, two-st'y dwell., 864 Walnut St.; cost, $4,000.

Henry Engel, two cottages, 1085 Dudley St.; cost, $1,500.

M. R. Campbell, cottage, Huron near Forty-eighth St.; cost, $1,600.

John Hebel, cottage, 3407 Fisk St.; cost, $1,000.

Frank Bonneck, cottage, 954 Dudley St.; cost, $1,200.

Thomas Gordon, two-st'y dwell., 8749 Escanaba St.; cost, $2,400.

B. A. Long, two-st'y dwell., Washington Ave. near Franklin St.; cost, $1,800.

Mrs. K. Miller, two-st'y dwell., 2337 West Jackson St.; cost, $2,000.

J. Smith, 3 two-st'y dwells., 6610-6612 Honore St.; cost, $7,500.

A. C. Hall, cottage, 2137 Congress St.; cost, $1,000.

Dr. Davidson, two-st'y dwell., 957 Jackson St.; cost, $5,000.

F. Adams, 10 cottages, Ullman and Thirty-eighth Sts.; cost, $12,000.

A. McHummermitter, cottage, 1208 Oak Grove St.; cost, $1,000.

J. H. Baswinkle, two cottages, 113 North Butterfield St.; cost, $2,000.

M. Holmes, two-st'y dwell., 475 Forty-second St.; cost, $6,000.

Dr. F. Martin, two-st'y dwell., 3212 Lake Park Ave.; cost, $20,000.

John Krivan, three-st'y dwell., 50 Coulter St.; cost, $4,000.

Charles Gaul, cottage, 5312 Dearborn St.; cost, $1,200.

BUILDING INTELLIGENCE.

August Leacher, cottage, 778 Augusta St.

J. P. Krichbaum, cottage, 4117 Speers St.; cost, $1,000.

M. Marquards, cottage, Elizabeth and Ninety-fifth Sts.; cost, $1,500.

Conrad Sippal, two-st'y dwell., Vincennes Ave. and One Hundredth St.; cost, $1,100.

F. G. Otis, 2 three-st'y dwells., 38-44 Sidney St.; cost, $10,000.

J. M. Mason, two-st'y dwell., Howard St., near Pearl St.; cost, $1,500.

S. Christiansen, two-st'y c[illegible]ll., Halsted and Eighty-third Sts.; cost, $1,000.

P. Murphy, two-st'y dwell., 217 Wallace St.; cost, $2,300.

Randolph Layer, two-st'y dwell., 476 Hamlin St.; cost, $2,500.

J. Pochrasky, cottage, 1304 West Eighteenth St.; cost, $1,300.

Jacob Heitinger, cottage, 1315 Center Ave.; cost, $1,700.

John Stacark, cottage, 1010 Troy St.; cost, $1,300.

John Sherowski, cottage, 533 Twenty-fifth St.; cost, $1,300.

Joseph Painter, two-st'y dwell., 1535 Fulton St.; cost, $5,100.

Albert Rohn, two-st'y dwell., 1018 Park Ave.; cost, $4,000.

Arthur G. Morey, two-st'y dwell., 9-11 Roslyn Pl.; cost, $6,000.

J. Rainke, two-st'y dwell. and barn, Forest Ave. near Grant St.; cost, $6,500.

William Blencoe, two-st'y dwell., 338 Humboldt St.; cost, $2,500.

T. Daul, two-st'y dwell., 6564 State St.; cost, $2,000.

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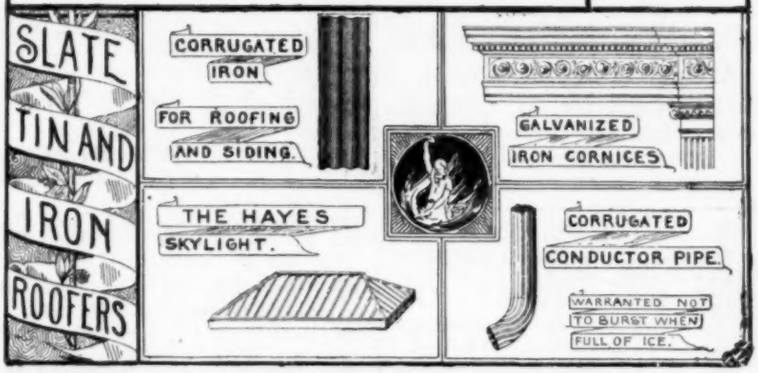

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A. Lolazinski, cottage, 1148 South California Ave.; cost, $1,000.
G. Meister, two cottages, Hammond near Belmont Sts.: cost, $1,200.
R. P. Smith, two-st'y dwell., 5247 Lexington Ave.; cost, $7,000.
Dr. Edward T. Buecking, three-st'y dwell., 425 South Paulina St.; cost, $5,000.
J. W. Eckart, two-st'y dwell., 716 West Monroe St.; cost, $5,000.
L. Landgust, two-st'y dwell., 115 Clarence St.; cost, $2,000.
J. B. Barfield, cottage, 6650 Wabash Ave.; cost, $1,500.
Charles H. Bunker, three-st'y dwell., 484 Forty-second St.; cost, $5,000.
C. C. Harder, three-st'y dwell., 4613 Michigan Ave.; cost, $8,000.
Fred Haeming, cottage, 155 Frankford St.; cost, $1,000.
O. A. Felges, cottage, Villas and Wright Sts.; cost, $2,100.
John Angus, two-st'y dwell., 402 Fullerton St.; cost, $15,500.
M. McMartin, two cottages, 836-838 Fiftieth St.; cost, $2,400.
James McLee, cottage, 1541 Lexington Ave.; cost, $1,700.
L. Proholm, cottage, 17463 Houston Ave.; cost, $1,400.
D. C. Gotes, two cottages, 6519-6523 Emerald Ave.; cost, $1,600.
Edward Riley, cottage, Thirty-eighth St. and St. Louis Ave.; cost, $1,000.
Ernest Miller, cottage, 47 Richmond St.; cost, $1,000.
Mrs. Catherine Healy, cottage, 506 Albany Ave.; cost, $1,200.
William and Charles Sebalk, cottage, 3338 Keenan St.; cost, $1,300.
J. H. Kruger, two-st'y dwell., 9134 Erie St.; cost, $2,300.
M. Vanderstan, cottage, Center and Elm Sts.; cost, $1,400.
Mary C. Roush, two-st'y dwell., Oakwood St. and California Ave.; cost, $1,100.
Frank Burlan, cottage, 5631 Bishop St.; cost, $1,200.

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E. M. Kanouse, two-st'y dwell., 2376 Austin Ave.; cost, $1,800.
James Rohn, two cottages, 14-16 Chase Ct.; cost, $1,200.
H. W. Rawiez, cottage, 394 Noble St.; cost, $1,500.
George Black, two-st'y dwell., 1548 West Monroe St.; cost, $4,000.
Henry Dittman, two-st'y dwell., 1631 Belmont Ave.; cost, $2,000.
M. Henneman, cottage, 1045 Nelson St.. cost, $1,000.
Peter F. McNamee, two-st'y dwell., 2371 North Paulina St.; cost, $2,200.
M. Pergler, cottage, West Fortieth and Fourteenth Sts.; cost, $1,000.
J. A. Lindsbrom, cottage, 244 Jay St.; cost, $1,000.
Julius Christopp, cottage, 38 Richmond St.; cost, $1,000.
Fred Bishoy, cottage, Humboldt Boulevard and North Ave.; cost, $1,400.
A. J. Peterson, cottage, 102 Bingham St.; cost, $1,400.
C. Erickson, cottage, 632 Rockwell St.; cost, $1,700.
Louisa Seyer, cottage, 644 Turner St.; cost, $1,400.
Jacob Kooning, cottage, 105 Court Pl.; cost, $1,100.

New York, N. Y. — *Eighty-fifth St.*, n s, 387' e Amsterdam Ave., 6 three-st'y brick dwells., tin roofs; cost, $96,000; owner and architect, John G. Prague, 1430 Tenth Ave.

Seventy-ninth St., n s, 205' e Amsterdam Ave., 3 three-st'y brick dwells., tin roofs; cost, $30,000; owner and architect, John C. Turner, 57 West Ninety-third St.

West End Ave., n e cor. Eighty-eighth St., 4 three-st'y brick dwells., tin roofs; cost, $72,000; owner, Geo. J. Cohen, 124 West Eighty-fourth St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Third St., n s, 132' e West End Ave., 4 three-st'y brick dwells., tin roofs; cost, $60,000; owners, Eagen & Hallecy, 273 and 277 West End Ave.

Seventy-fifth St., s s, 400' w Columbus Ave., 6 four-st'y brick dwells., tin roofs; cost, $120,000; owners, Taylor & Giblin, 45 West Ninetieth St. and 143 West Eightieth St.; architect, George A. Bagge, 1703 Second Ave.

BUILDING INTELLIGENCE.

Second Ave., *No.* 1548, two-st'y brick dwell., tin roof; cost, $4,000; owner, Patrick Reynolds, 208 East Eightieth St.; architect, Chas. H. Dalhauser, 846 First Ave.

One Hundred and Nineteenth St., s s, 460' e Lenox Ave., 7 three-st'y brick dwells., tin roofs; cost, $70,000; owner, Tillie E. Smith, 103 East Eighty-sixth St.; architect, G. A. Schellinger, 128 Broadway.

Philadelphia, Pa.—*Carpenter St.*, *No.* 2211, two-st'y brick dwell.; contractor, E. C. Gillian, 102 South Twenty-second St.

Fairmount Ave., w Eleventh St., 4 three-st'y brick dwells.; owner, Samuel Hart, 1104 Wallace St.

Twentieth St., *Nos.* 808-816, 5 three-st'y brick dwells.; contractor, Levi Koder, 1520 Fairmount Ave.

Fountain St., e s, s Ridge Ave., two-st'y brick dwell.; owner, Amos R. Mattis, 4632 Ridge Ave.

Springfield Ave., s s, w Pennsylvania R. R., 2 two-st'y brick dwells.; contractor, M. D. Wartman, 48 Mechlin St.

City Line Road, e Overbrook R. R. Station, two-st'y stone and brick dwell.; contractor, George Hearst, School Lane.

Fairmount Ave., n s, bet. Forty-ninth and Fiftieth Sts., 8 two-st'y brick dwells.; contractors, B. Ketcham & Son, 1029 Brown St.

Fletcher St., n w cor. Twenty-eighth St., two-st'y brick and stone dwell.; owner, John S. Rubrecht Mt. Telford, Pa.

Hays St., w s, bet. Cambria St. and Indiana Ave., two-st'y brick dwell.; owner, Richard Schenck.

Wingohocking St., n Unity St., 2 two-st'y brick dwells.; owner, Wm. M. France, 1232 Adams St.

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Ward St., three-st'y frame dwell.; owner, John Campbell; contractor, J. A. McDermott.

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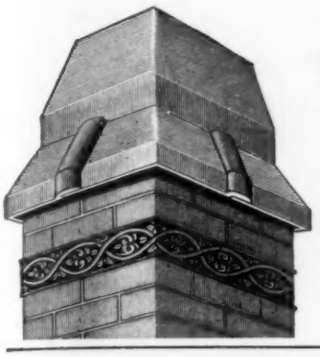

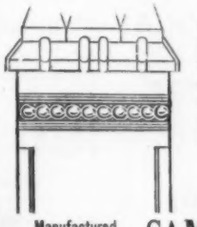

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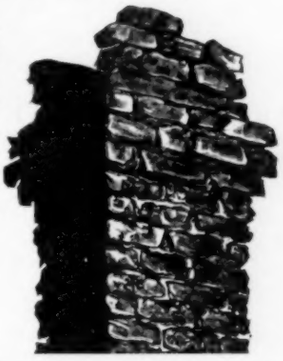

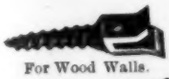
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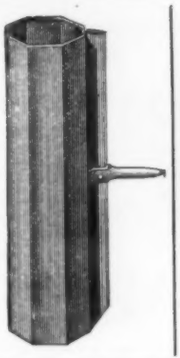

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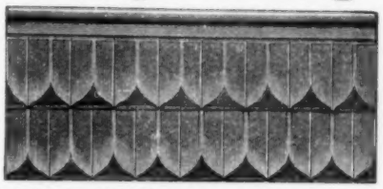

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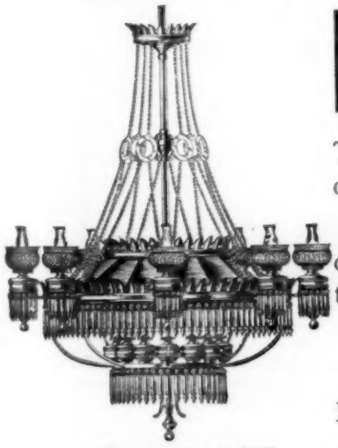

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Chicago, Ill. — The Cudahy Packing Co., two-st'y wholesale market and barn, 61-68 North Ave.; cost, $10,000.

Little Rock, Ark. — Brick power house; cost, $25,000; owner, J. M. Taylor, Pine Bluff; architects, Rickon & Thompson.

Lynchburg, Va.—$60,000 has been appropriated by the city council for building a city hall.

Minneapolis, Minn. — Two-st'y brick gas house; cost, $16,000; owners, C., St. P., M. & O. R'y Co.

Philadelphia, Pa. — *Dohan St.*, s s, w Forty-eighth St., one-st'y slaughter house; owner, Chas. Haug, 4816 Brown St.

St. Louis, Mo.— Three-st'y brick power house; cost, $20,000; owners, Cardt. Light and Power Co.; contract, sublet.

PROPOSALS.

March 26, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of April, 1891, for all the labor and materials required to complete the basement and area walls, etc., for the United States Custom-house and Post-office building at Newark, N. J., including excavation, concrete foundations, iron-work of basement and first-story floor, etc., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Newark, N. J. Each bid must be accompanied by a certified check for $500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for Excavation, Concrete Foundations, Basement and Area Walls, Iron-work for Basement and First Floor, etc., of the United States Custom-house and Post-office building at Newark, N. J.," and addressed to JAS. H. WINDRIM, Supervising Architect. 798

March 19, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of April, 1891, for furnishing and delivering at the freight depot at point of destination, safes for United States Government buildings at the following cities, viz: Manchester, N. H.; Marquette, Mich.; Newark, N. J.; Nebraska City, Neb.; Newport, R. I.; Providence, R. I.; Shreveport, La.; St. Paul, Minn.; Springfield, Mass.; Toledo, O.; Wiscassett, Me., in accordance with the specification, copies of which may be had on application at this office. Each bid must be accompanied by a certified check for one hundred dollars ($100), drawn to the order of the Treasurer of the United States. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposals for Safes for Government Buildings," and addressed to JAMES H. WINDRIM, Supervising Architect. 797

Proposals for Cut-granite. Office of Building for Library of Congress, No. 145 East Capitol Street, Washington, D. C., March 24, 1891. Sealed proposals for furnishing and delivering the cut-granite of light-blue-gray color and fine grain required for the chimney, two small lodges and curbing of the boiler-room, and for pump-beds and girder templates, for the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 18th day of April, 1891, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 798

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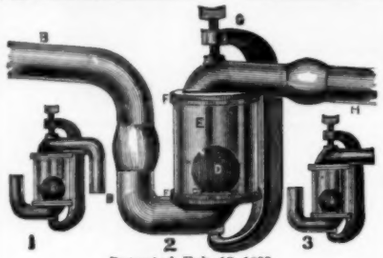

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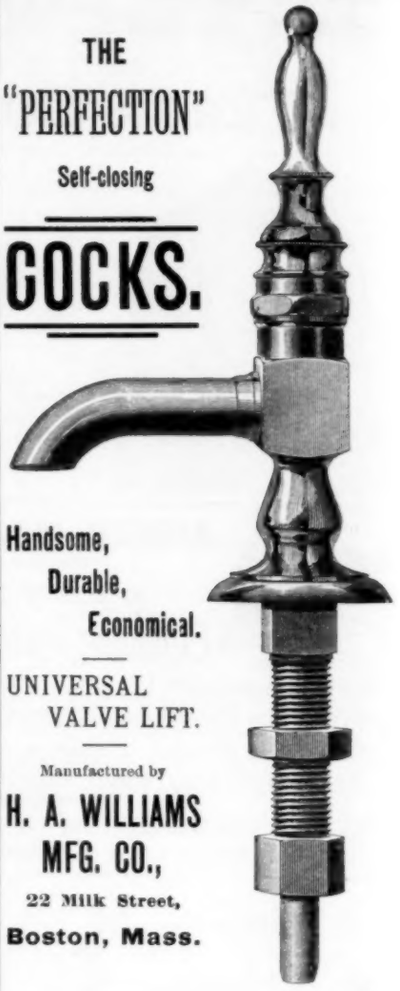

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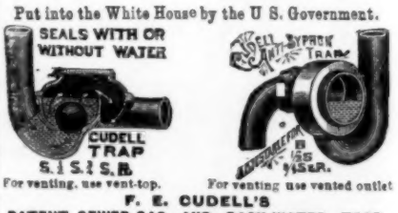

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Stebbins Mfg. Co., Brightwood, Mass. cow
H. A. Williams Mfg. Co., Boston, Mass. (mon)

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Baetjer & Meyerstein, New York.
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Howard Fleming, New York. (cow)
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E. Thiele, New York, N. Y.
Union Akron Cement Co., Buffalo, N. Y. (cow)

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Sheet-Metal Work.
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A. B. & W. T. Westervelt, New York.

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The Curtis Regulator Co., Boston, Mass. (eow)

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Central Expanded Metal Co., Pittsburgh, Pa. (eow)

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Globe Iron Roofing Co., Cincinnati, O. (eow)

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E. L. Deane, Holyoke, Mass. (mon)

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HERVEY W. BOOTH, Receiver.
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Chicago, March 20, 1891.

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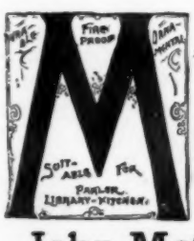

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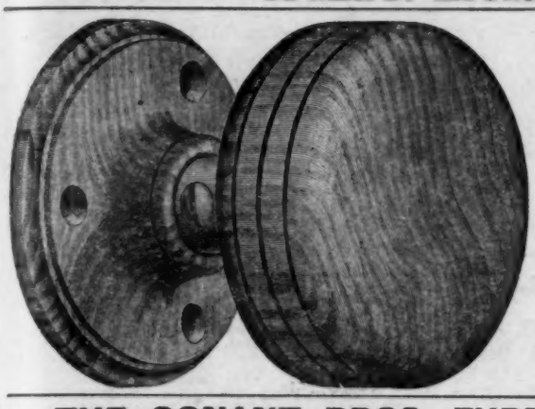

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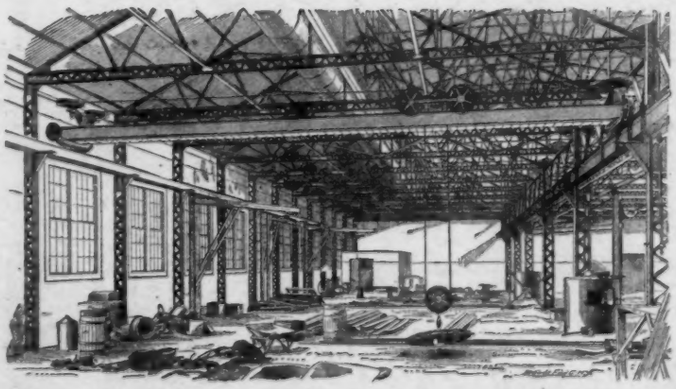

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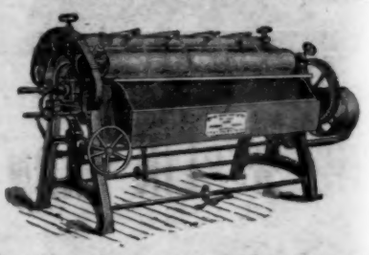

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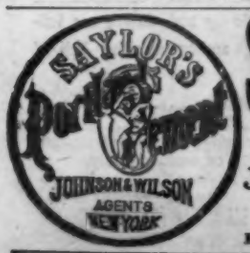

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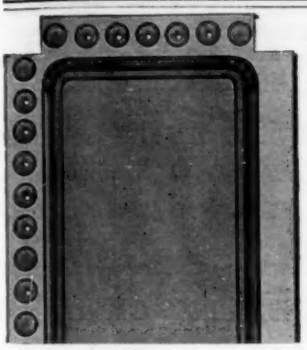

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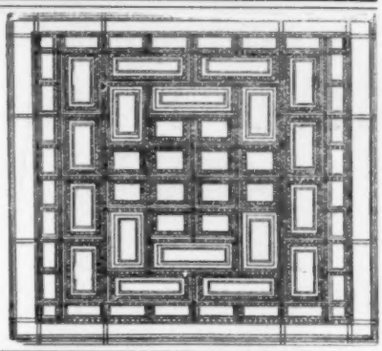

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" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 00 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
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Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	25 00 @ 40 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
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Laths:				
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Spruce	2 00 @ 2 15	2 25 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ℔ M.	5 00 @ 6 00	@	*Not sold.*	
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Redwood ℔ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" $35 @ 40
Cedar split ℔ M.	@	@	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
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Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P.10 00 @ 18 00	9 00 @ 13 00
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Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
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Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		50 00 @ 55 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ℔ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	85 00 @ 100 00	50 00 @ 170 00
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Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers @ 10 00
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	Medium " @ 12 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Red " @ 13 00
Fronts:		20 00 @ 22 00	@ 27 00	Dark " @ 13 00
Croton, Brown	@ 13 00	Philadelphia }		Pressed 18 00 @ 20 00
" dark	@ 14 00	40 00 @ 45 00 }		Best Paving @ 14 00
" red	@ 14 00	Phila. mould }	15 00 @ 27 00	Second " @ 13 00
Chicago pressed (Anderson)		50 00 @ 80 00 }	65 00 @ 350 00	Third " @ 12 00
" Moulded			@ 55 00	
Baltimore	37 00 @ 41 00	Anderson	45 00 @ 50 00	
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @	
Trenton	22 00 @ 23 00		25 00 @	Dom. { @ 65
Milwaukee			60 00 @ 100 00	{ @ 85
Moulded:			30 @	
Glens Falls Red Pressed	@ 37 00		35 @	
" " Buff "	@ 30 00		55 00 @ 65 00	
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: *Imp.*			@ 100 00	
Enamelled (edge)	85 00 @ 100 00		@ 120 00	
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Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 01	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
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Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
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SAUVAGEOT. 150 cuts. 12 pl. Quarto.
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Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (dry)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4″ x 4″ ...(℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	@ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish ...(℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards.)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood				
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 8	@ 7	@ 6¾
Sheet Lead	@	@ 7½	@ 6¼	6 @ 6
Lead Pipe				
Iron:	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, up to and including 36 ft.	@	@	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
Channel-Beams				

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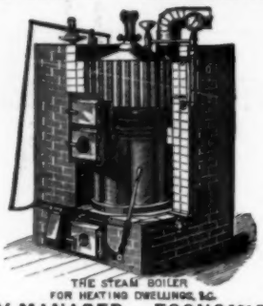

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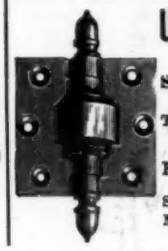

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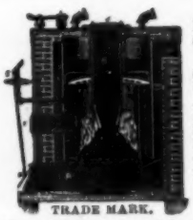

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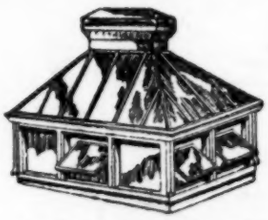

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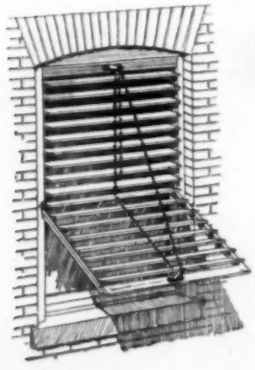

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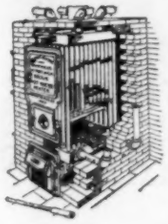

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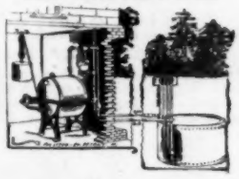

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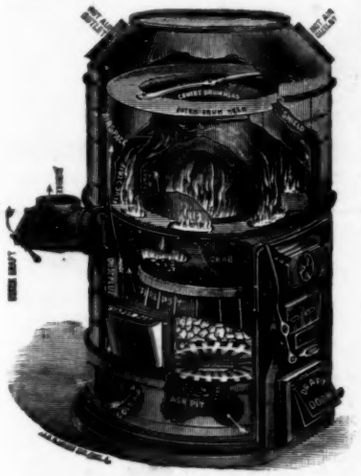

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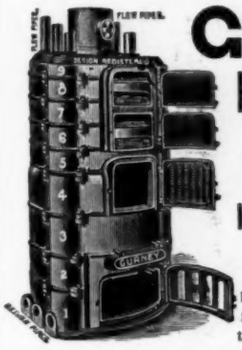

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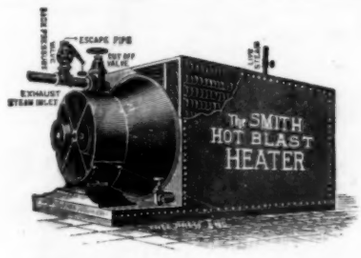

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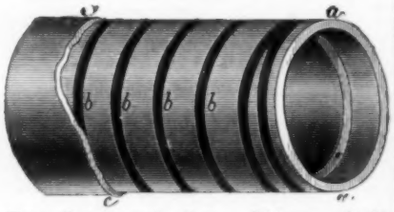

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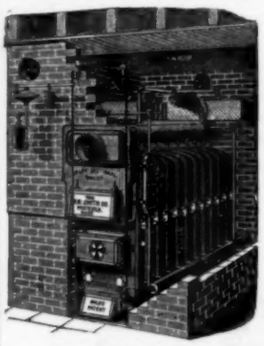

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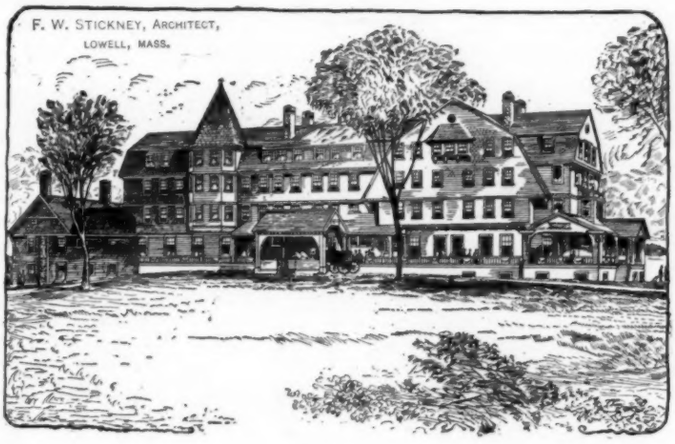
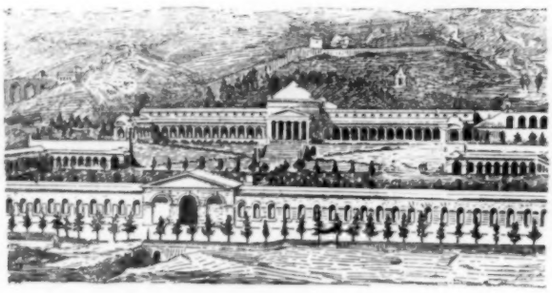


Tomb of Theodoric, at Ravenna.



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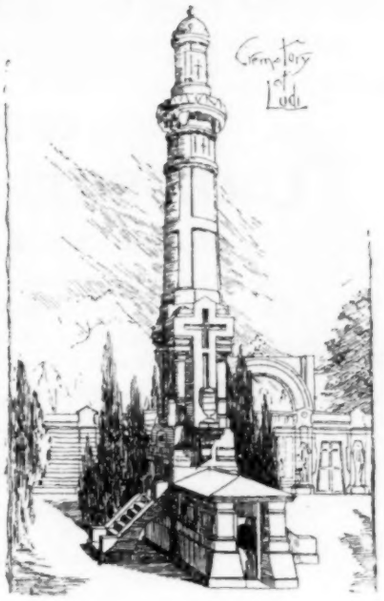

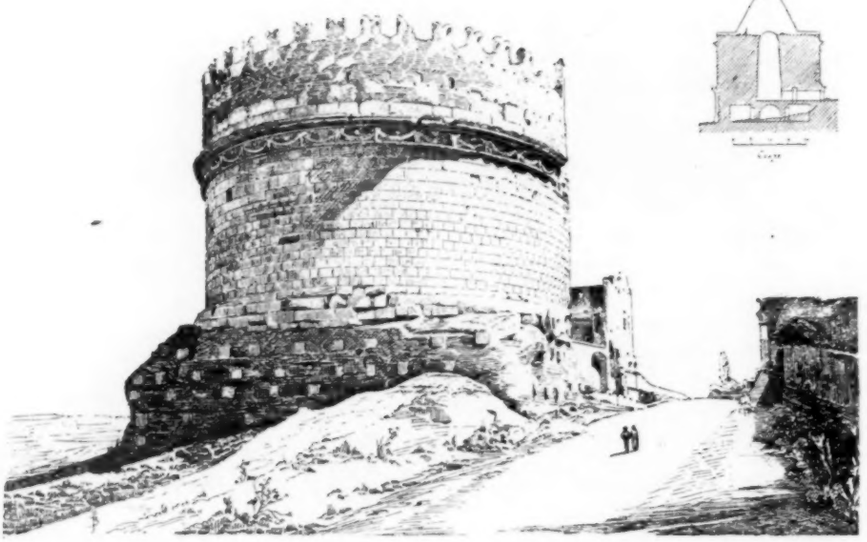

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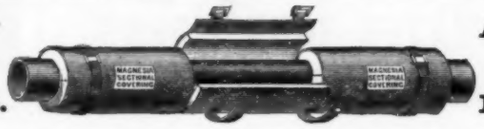

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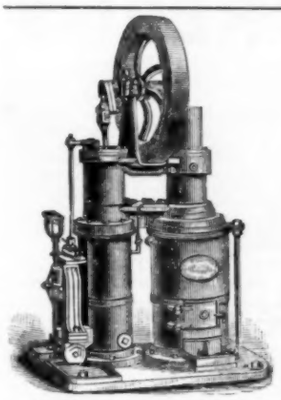

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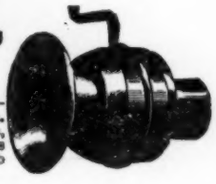

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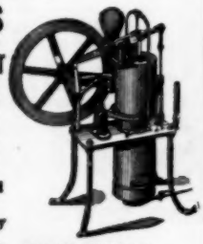

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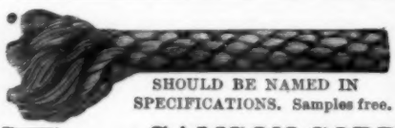

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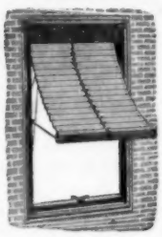

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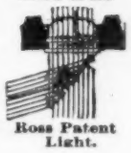

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Armor, Marlin & Co.
Instantaneous Water Heating Co.
E. B. Moore & Co.
Merchant & Co.
Button Boiler Co.
Cortright Metal Roofing Co.
Union Akron Cement Co.

TO ARCHITECTS.

HIGH-CLASS perspectives prepared and rendered in water-colors, sepia or black-and-white, or will render perspectives or elevations already lined; English and American experience. Address "Artist," 1214 Angle Street, Philadelphia, Pa. t.f.

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

448,233. Fireproof Arch.—Frederick L. Heughes, Rochester, N. Y.

448,235. Track for Sliding-Doors. — Oliver P. Hix, Rockland, Me.

448,244. Roof.—Robert P. Lamont and Edmond D. Bronner, Detroit, Mich.

448,291. Lumber-Measure. — Emmet N. Barber, Kent, Ohio.

448,298. Latch. — Leon R. Lecellier, Villedieu, France.

448,314. Metal Door or Gate.—Achille Bataille, New York, N. Y.

448,333. Brick-Kiln. — John E. Gamble, East Liverpool, Ohio.

448,339. Sash-Holder. — William M. Hazel, Georgetown, Del.

448,343. Coating-Shingles. — Nymphus B. Holway, La Crosse, Wis.

448,354. Window-Sash.—Frank Mesker and Thos. O. Arbegust, St. Louis, Mo.

448,355. Window-Frame. — Frank Mesker and Thomas O. Arbegust, St. Louis, Mo.

448,390. Spring-Hinge. — George W. Warner, Freeport, Ill.

448,391. Hot-Water Heater.—James B. Watson, New Brunswick, N. J.

448,408. Sand and Gravel Heater. — Edward H. Callaway, New York, N. Y.

448,454. Door-Knob. — Edmund B. Owen, Jersey City, N. J.

448,467. Window-Screen. — Frank Walker, Los Angeles, Cal.

448,495. Waterproof and Fireproof Material for Roofing, etc.—Alois Blank, St. Louis, Mo.

448,498. Sash-Holder. — Joseph M. Brohard, Clarksburg, W. Va.

448,501. Three-fold.— Asher Bussert, Amanda, O.

448,517. Blind-Stop.—Theodore Gohlke, St. Louis, Mo.

448,529. Roof.—Olliver Link, St. Charles, Mo.

448,556. Gravitating Door-Closer. — John N. Stong, Woodbridge, Canada.

448,605. Elevator-Guard. — Abraham Elliott, Rochester, N. Y.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING APRIL 3, 1891.

From Antwerp. — Steamer "*Westernland*," 2,900 barrels cement, order.

From Bremen.—Ship "*Sapphire*," 507 cases cement, Baetjer & Westermann.

From Genoa. — Bark "*Luigi Accame*," 591 slabs and tables of marble, Taber & Co.; 46 blocks do., order.

From Glasgow. — Steamer "*Devonia*," 32 cases granite, W. C. Townsend; 25 do., order. Steamer "*State of Nevada*," 272 cases granite, Austin, Baldwin & Co.; 14 do., Davidson's Marble Co.; 3 do., Erie Dispatch Co.; 4 do., G. W. Sheldon & Co.

See the first issue of the month for the following advertisements.

Walton Architectural Iron Co.
Atlantic W. Lead & Lin. Oil Co
A. G. Newman.
J. J. Read.
Esterbrook Pen Co.
J. B. Shannon & Sons.
Brooks, Shoobridge & Co.
F. O. Norton.
I. P. Frink.
Springfield Foundry Co.
H. M. Hansen.
H. A. Williams Mfg. Co.
C. B. Demarest & Co.
E. L. Deane.
J. F. Pease Furnace Co.
S. A. Fletcher.
George A. Barnard.
Bureau Bros.
R. W. Parry.
Peninsular Metal Works.
Flanagan & Biedenweg.
J. & R. Lamb.
Pittsburgh Mineral Wool Co.
Sims & Millard.
R. C. Smith.
Merchant & Co.
J. Bardsley.
Dubois Mfg. Co.
Philadelphia Blue Print Co.
M. B. Swezey.

IMPORTS OF BUILDING MATERIALS, Etc.

From Hamburg. — Steamer "*Amalfi*," 1,120 casks Portland cement, Agency of Nevada Bank.

From Leghorn. — Steamer "*Trinacria*," 12 blocks marble, Taber & Co.; 25 do., order.

From Liverpool. — Steamer "*Nevada*," 80 boxes bricks, order.

From London. — Bark "*Conductor*," 3,000 barrels Portland cement, C. J. Stevens; 2,000 do., Howard Fleming; 2,000 do., order.

From Marseilles. — Steamer "*Burgundia*," 3 casks cement, L. Constanseau & Co.; 280 barrels cement, J. Brand.

From Newcastle. — Steamer "*Croma*," 100 casks glazed bricks, Chas. R. Weeks & Bro.; 100 casks Portland cement, order.

From Rotterdam. — Steamer "*Werkendam*," 2,332 casks cement, order.

From Tampico. — Bark "*Mary C. Hale*," 320 logs mahogany, J. W. Wilson & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass. — *High St., Nos.* 143-145, Ward 12, six-st'y addition, extending to corner of Hartford St.; owner, John Goldthwait; builder, Geo. W. Pope.

Boylston St., cor. Head Pl., alteration to brick dwell. for stores and offices; cost, abt. $10,000; owners, Boston Finance Association; builder, H. S. Hussey; architect, E. A. P. Newcomb.

South St., No. 185, Ward 12, alter brick tenement for store; owner, H. W. Atkins; builder, Thomas Raynor.

Chicago, Ill. — C. Jenson, addition, 4019 Dearborn St.; cost, $1,400.

J. Rice, one-st'y addition, 1611 Fifty-first St.; cost, $1,200.

Fulton St. Market Co., one-st'y addition, 191-209 Fulton St.; cost, $12,000.

Mrs. W. Pfaujradt, two-st'y addition, 1371 West Polk St.; cost, $1,000.

Ashland Aux. Association, two-st'y addition to club-house, 575 Washington Boulevard; cost, $15,000.

F. E. Schultz, two-st'y addition, 4447 Dearborn St.; cost, $1,450.

W. D. Walker, repairs to building injured by fire, Wabash and Van Buren Sts.; cost, $11,000.

J. Thompson, basement, 275 South Wood St.; cost, $1,000.

W. Leny, one-st'y addition, 825 Hoyne Ave.; cost, $1,200.

M. Hrudi, two-st'y addition, 35 Fisk St.; cost, $2,500.

Philadelphia, Pa. — *Kingston St., No.* 1332, alteration and addition to coach-house; contractor, Jas. W. Howard, 1336 Pine St.

Parrish St., Nos. 1513 15, one-st'y addition to shop; owner, R. H. Campbell, 1507 North Fifteenth St.

Poplar St., No. 725, front and rear alteration; contractor, John F. Green, 947 North Seventh St.

North Eleventh St., No. 911, two-st'y back building; contractor, John F. Green, 947 North Seventh St.

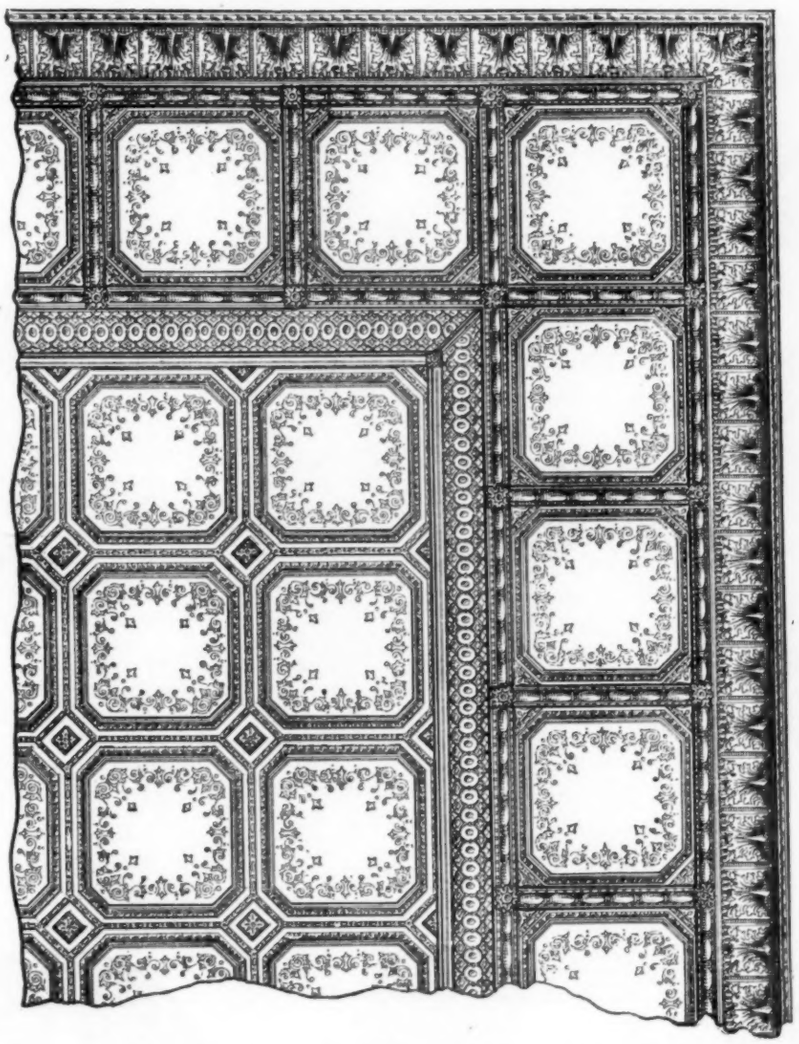
(Continued on page xix.)

NORTHROP'S

PATENT

STAMPED METAL CEILINGS

IN A LARGE VARIETY OF PATTERNS



Style O. Scale, ½ in. equals 1 foot. Showing ceiling of Stamped Steel Panels, 27 x 27, with border of the same panels with an enriched moulding between each one. Also a *mat* which may be of any width necessary, and a "Leaf-Cove" Cornice.

HENRY S. NORTHROP

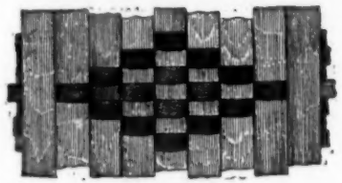
18 ROSE ST NEW YORK

SEND PLANS OR DIAGRAMS FOR ESTIMATES

Model of Human Breast.

Pottery Pattern.

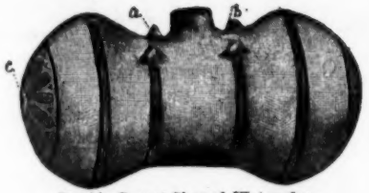
Breast-Shaped Water Jar.



Basket-work Pattern.

Basket-work Pattern.

Pottery Pattern.



Double Breast-Shaped Water Jar.

Water Jar.

PUEBLO AND ZUNI POTTERY.

Broad St., s e cor. Allegheny Ave., front alteration and kitchen; owner, George Crumbie, 1410 West Dauphin St.

Bridge St., w s, s Thompson St., addition to store; owner, J. Wenzelberger.

Erie Ave., No. 624, addition to building; owner, John S. Kelly.

North Front St., No. 1642, alterations; builders, John Kramer & Son.

Fitzwater St., n s, e Twentieth St., addition to station-house; builder, James Bradley.

North Ninth St., No. 237, addition to store; builder, R. P. Matson.

Reese St., w s, n Huntingdon St., alteration and addition; builders, Wm. Steele & Son.

Chelten Ave, w s, s Wayne St., two bay-windows to dwell.; owner, George Hearst.

North Front St., No. 2447, alteration; owner, C. Kiely.

Ridge Ave., No. 1313, alteration; owners, Hudson & Dillon.

Green St., Nos. 1636-1638, fronts; owner, W. A. Patterson.

Locust St., No. 3810, addition; owners, Hasson & Co.

State Road, s e cor. Friendship St., addition; owner, John Field.

Susquehanna Ave., No. 3001, alterations; owner, Samuel W. Lewis.

Centre St., s s, e Hancock St., addition; owner, Joseph L. Carpenter.

Filbert St., No. 706, addition; owner, Joseph F. Myers.

Hancock St., e s, n Penn St., alteration; owners, James Kinnear's Sons.

Mill St., s s, n Herdic St., shed; owners, George J. Hoff's Sons.

North Thirty-fifth St., No. 524, additions; owner, D. D. Mullin.

Chestnut St., n s, e Thirteenth St., interior alterations to concert-hall; builder, A. M. Green.

Franklin St., e s, n Sellers St., alterations; builders, M. S. Milnow & Son.

Fairmount Ave., No. 1728, bay-window; builder, James H. Young.

Media St., No. 5420, bay-window; builder, Thomas Noble.

Park Ave., w s, s Columbia Ave., addition.

Second St., w s, s Chestnut St., alteration; builder, W. W. Bozarth.

Warnock St., Nos. 2035-2037, two fronts; builders, Rutter & Ogden.

Race St., No. 1322, addition; builder, Nicholas Sower.

North Eighth St., No. 47, alterations; builder, Joseph Bird.

Ninth St., n w cor. Suffolk St., alterations; builder, Chas. P. Nesbit.

South St., Nos. 1206-1208, addition; owner, F. G. Crowley.

Taylor St., s s, w Tenth St., two-st'y addition to patrol-house; builder, James Bradley.

Dauphin St., No. 1917, e s, alteration; owner, William Schoenlieber.

Forty-eighth St., n e cor. Brown St., addition; owner, Lawrence Walker.

North Front St., No. 2250, alteration; owner, Frank Deitrich.

Wharton St., s e cor. Kernan St., alteration; owner, John K. Jester.

Bristol St., s s, e Richmond St., additions; owner, David B. Echert.

Locust St., s s, w Twelfth St., alterations; builders, William Devitt & Son.

Market St., s s, w Eighteenth St., three-st'y addition; owner, D. B. Fuller.

Mervine St., w s, n Jefferson St., addition; owner, Philip H. Somerset.

Market St., No. 1220, repairs; builders, McKee Bros.

Price St., s s, w Hancock St., addition; owner, James W. Hurley.

Arch St., No. 1219, alteration; owner, A. P. Lowrie.

Bristol Pike, n Delaware Ave., addition; owner, William Terry.

Dickinson St., No. 318, addition; owner, John Zimmerman.

Edward St., No. 119, addition; owner, L. R. Elliott.

Gold St., e s, s Hartwell Ave., addition; owner, William Herron.

Hope St., w s, n Norris St., four-st'y addition to factory; owner, Wm. Tecklenburg.

North Seventh St., No. 2024, addition; owner, Wm. Tecklenburg.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Tillary St.*, n s, 78' 2" e Peare St., 2 four-st'y brick flats, tin roofs; cost, $8,000 each; owner, James Ryan, on premises; architect, Robert Dixon, 219 Montague St.

Knickerbocker Ave., w s, 67' n Starr St., three-st'y frame flat, tin roof; owner, $4,700; owner, Herman Sefert, 108 Knickerbocker Ave.; architect, Ernest Dennis, 115 Himrod St.

Constable Bros., 151 Broadway, New York, are at work on plans for block of apartment-houses on Myrtle Ave.

Baltic St., s s, 75' w Bond St., four-st'y brick flat, tin roof; cost, $8,000; owner, Gregory Gill, on premises; architects, J. D. Reynolds & Son, 363 Fulton St.

Navy St., s w cor. Nassau St., four-st'y brick flat, gravel roof; cost, $9,000; owner, John Ryan, Myrtle Ave. and Fleet Pl.; architect, J. Graham Glover, 186 Remsen St.

Chicago, Ill.—Mrs. B. Breman, three-st'y flat, 201 Seminary Ave.; cost, $8,000.

August Bauman, three-st'y flat, 60 Hight St.; cost, $1,500.

J. Meyer, two-st'y flat, 74 Goethe St.; cost, $1,500.

Carl Stark, two-st'y flats, Avenue J, near Ninety-seventh St.: cost, $1,800.

C. J. Cross, two-st'y flats, 231 Giddings St.; cost, $2,500.

Henry Becker, two-st'y flats, 1260 Paulina St.; cost, $1,600.

Schronchow & Schmid, two-st'y flats, Bradley Pl., near Halsted St.; cost, $6,400.

Mathias Alt, three-st'y flats, 1140 Diversey Ave.; cost, $5,060.

Charles H. Tiffny, two-st'y flats, Seventy-ninth St., near Commercial St.; cost, $1,500.

John Dimner, two-st'y flat, 21 Commercial St.; cost, $3,000.

C. Gederther, three-st'y flats, 274 Rumsey St.; cost, $2,500.

Kate Foley, three-st'y flats, 2007-2039 Armour Ave.; cost, $13,000.

John Katscky, two-st'y flats, 856 Mitchell St.; cost, $2,100.

Henry Becker, two-st'y flats, 1260 Paulina St.; cost, $1,600.

P. Printy, two-st'y flats, 412 Lewis St.; cost, $5,000.

C. J. Carr, two-st'y flats, 231 Giddings St.; cost, $2,500.

C. Holyschrrh, two-st'y flats, Michigan Ave. and One Hundred and Fifteenth St.; cost, $1,800.

J. Berkshire, two-st'y flats, Forty-ninth and Winter Sts.; cost, $1,800.

M. Paulowski, two-st'y flats, 4731 Burtis St.; cost, $1,200.

John Lance, two-st'y flats, Tracey Ave. and Twenty-ninth St.; cost, $1,200.

Joseph Page, three-st'y flats, 204 Bissell St.; cost, $6,000.

T. Heiman, two st'y flats, 8545 Buffalo Ave.; cost, $1,200.

Mrs. J. Nolan, two-st'y flats, 3351 Aborn St.; cost, $2,000.

George Brups, 5 two-st'y flats, 4715-23 Evans Ave.; cost, $35,000.

Edward Walkins, two-st'y flats, Ninety-third St. and Ewing Ave.; cost, $2,000.

Frank Meske, two-st'y flats, 934 Wolfman St.; cost, $2,000.

A. Rosinski, two-st'y flats, 5200 Bishop St.; cost, $1,800.

A. Festault, 2 two-st'y flats, Seventy-fourth and Peoria Sts.; cost, $2,200.

Mrs. Emma C. Christianson, two-st'y flats, 810 Rockwell St.; cost, $2,500.

H. Penning, two-st'y flats, 785 Humboldt St.; cost, $1,800.

V. Fendt, three-st'y flat, 499 North Paulina St.; cost, $6,000.

James Rop, two-st'y flat, 754 West Indiana St.; cost, $4,000.

Anderson & Olson, two-st'y flat, 5918 Ada St.; cost, $1,300.

M. A. Hegeman, two-st'y flats, 5656 Dearborn St.; cost, $3,000.

E. F. Kennedy, 2 two-st'y flats, 1399-1401 Jackson St.; cost, $10,000.

F. A. Johnson, four-st'y flats, 779 Leavitt St.; cost, $8,000.

A. Ruazkiewaz, two-st'y flat, 3210 Muspratt St.; cost, $2,800.

Mrs. M. Lucas, two-st'y flat, Fifty-ninth St., near Loomis St.; cost, $2,900.

T. W. Schroeder, two-st'y flats, 1325 Belmont St.; cost, $3,400.

Andrew Karkon, two-st'y flats, 4718 West Huron St.; cost, $1,200.

E. Hennessy, two-st'y flats, 4155 Wabash Ave.; cost, $4,000.

John Kealboar, two-st'y flats, 4715 South Wood St.; cost, $3,300.

James Nevan, two-st'y flats, 4846 Laflin St., cost, $2,100.

C. Schaeffer, two-st'y flats, 5436 Atlantic St.; cost, $3,300.

Joe Hebal, two-st'y flat, 3161 Fisk St.; cost, $1,500.

O. F. Bergren, two-st'y flats, 136 West Polk St.; cost, $6,000.

William Meyne, two-st'y flats, 482 West Robey St.; cost, $5,000.

Owen McElroy, two-st'y flats, 3614 Fifth Ave.; cost, $4,300.

O. Grulson, three-st'y flats, 2811 Lowe Ave.; cost, $4,000.

Fred Fett, two-st'y flats, 1300 Ashland Ave.; cost, $1,200.

J. C. Paul, two-st'y flats, 1430 Roscoe St.; cost, $2,500.

T. Coughlan, two-st'y flats, Superior and Eighty-ninth Sts.; cost, $1,800.

James Jamuk, two-st'y flats, Buffalo St., near Eighty-third St.; cost, $1,000.

H. Lange, two-st'y flats, Buffalo St., near Eighty-second St.; cost, $1,000.

F. Nalston, two-st'y flats, 2241 Commercial St.; cost, $1,500.

Mrs. J. Blonquist, two-st'y flats, Indiana Ave., near One Hundred and Eighth St.; cost, $1,500.

Mark Tapley, three-st'y flats, Kinney St., near Armitage St.; cost, $1,600.

Frank Heil, two-st'y flats, 893 North Oakley Ave.; cost, $3,000.

H. Kohlman, two-st'y flats, 1301 Ashland Ave.; cost, $1,300.

G. F. Lutz, two-st'y flats, Drexel Ave., near Seventy-fourth St.; cost, $1,600.

P. Spridel, three-st'y flats, Stony Island and Seventy-eighth Sts.; cost, $3,500.

F. A. Rowe, two-st'y flats, 2079 Van Buren St.; cost, $1,800.

J. & M. Roth, two-st'y flats, La Salle and Fifty-third Sts.; cost, $2,000.

J. Jenson, two-st'y flats, 7241 Storms Ave.; cost, $1,400.

Adam Sommer, two-st'y flats, 4346 Champlain Ave.; cost, $4,000.

D. J. Barnes, three-st'y flats, 427-431 Garfield Boulevard; cost, $9,000.

Peter Keifer, two-st'y flat, 4942 Atlantic St.; cost, $1,500.

M. Hoffen, two-st'y flats, 989 South Park Ave.; cost, $1,500.

M. Schmidt, two-st'y flats, 9136 Exchange St.; cost, $4,000.

J. Olson, two-st'y flats, Indiana Ave., near One Hundred and Thirteenth St.; cost, $1,500.

John Dahlof, two-st'y flats, Rhodes Ave., near Seventy-second St.; cost, $1,700.

M. F. Ringer, two-st'y flats, 8129 Reynolds St.; cost, $1,500.

James Craig, two-st'y flats, 495 North Paulina St.; cost, $1,800.

Ernst Perity, two-st'y flats, Tracy Ave., near Fifty-ninth St.; cost, $1,500.

T. Jankowski, two-st'y flats, 104 Samuel St.; cost, $2,800.

George Barnes, two-st'y flats, 10410 Ewang Ave.; cost, $2,000.

Milbrath & Riley, three-st'y flats and barn, 242 Ninety-third St.; cost, $3,900.

Paul Kazmarowski, two-st'y flats, 8755 Houston Ave.; cost, $2,300.

Mrs. Mary Moss, four-st'y flats, 266 May St.; cost, $7,000.

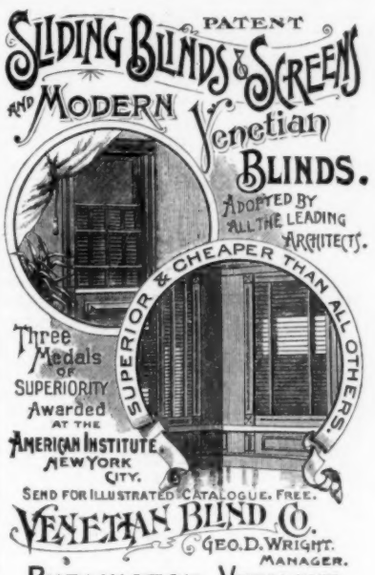
H. Sweeny, two-st'y flats, Forty-eighth and Winter Sts.; cost, $1,400.

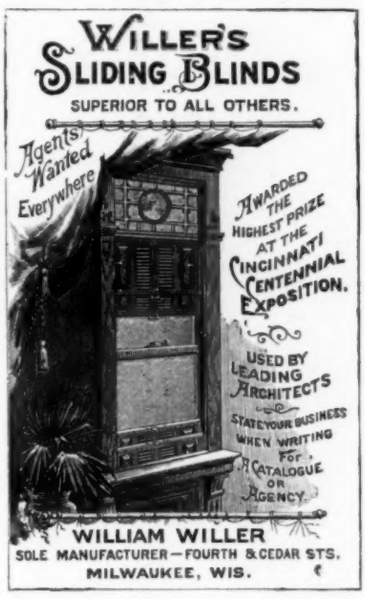
William Zeich, three-st'y flats, 525 Albany Ave.; cost, $6,600.

C. Steinbrecher, 8 two-st'y flats, 125-139 Homer St.; cost, $28,000.

C. Steinbrecher, two-st'y flats, 212 Wilmot Ave.; cost, $3,500.

J. Tukora, two-st'y flats, 377 West Sixteenth St.; cost, $4,000.





BUILDING INTELLIGENCE.

Luke Carlos, two-st'y flats, Ninety-third and Manistee Sts.; cost, $1,300.

E. Hoverman, two-st'y flats, 822 Racine Ave.; cost, $2,000.

Peter Olson, two-st'y flats, 1042 Seminary Ave.; cost, $2,300.

Thomas Eckhardt, three-st'y flats, 318-320 Hampden Ct.; cost, $22,000.

David Rand, 2 two-st'y flats, Morgan and Fiftieth Sts.; cost, $3,000.

Miss L. D. Parker, two-st'y flats, 6747 Winter St.; cost, $3,000.

Frank Schneider, three-st'y flats, 753 North Western St.; cost, $6,000.

John Page, three-st'y flats, 1495 West Taylor St.; cost, $3,600.

W. Rainfield, two-st'y flats, 541 North Market St.; cost, $5,000.

James Morgan, three-st'y flats, 4737 Wabash Ave.; cost, $5,000.

Jacob Michaels, two-st'y flats, 4036 Bissel St.; cost, $2,500.

Minneapolis, Minn.—Erich Lund, three-st'y apartment-house, 100-102 Thirteenth St., s; cost, $25,000.

Erich Lund, three-st'y apartment-house, 1217-19 First Ave., s; cost, $25,000.

Peterson & Lofgren, two brick veneer apartment-houses, 1807-09 and 1811-13 Ninth Ave., s; total cost, $40,000.

New York, N. Y.—*Lenox Ave.*, w s, 25' n One Hundred and Seventeenth St., seven-st'y brick and stone flat; cost, $87,500; owner, Frederick Aldhous; architect, J. C. Burne.

One Hundred and Fourteenth St., n e cor. Lexington Ave., 2 five-st'y brick and stone flats; cost, $80,000; owner, George Schreiner; architect, Edward Wenz.

West Twenty-seventh St., Nos. 431-435, three brick and stone apartment-houses; cost, $63,000; owner, Homer J. Beandet; architect, R. R. Davis.

Eighty-fourth St., s s, 350' w Columbus Ave., 2

five-st'y brownstone flats; cost, $50,000; owner, G. J. Cohen; architect, G. F. Pelham.

Bleecker St., Nos. 360-366, 4 five-st'y brick flats, tin roofs; cost, $70,000; owner, John Kehoe, 225 East Eighteenth St.; architect, Chas. Rentz, 153 Fourth Ave.

One Hundred and First St., n s, 100′ e Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, William M. Walsh, Williamsbridge, N. Y.; architect, Richard R. Davis, 274 West One Hundred and Twenty-fifth St.

Morningside Ave., s e cor. One Hundred and Eighteenth St., 2 five-st'y brick flats, tin roofs; cost, $65,000; owner, Timothy White, Flushing, Long Island, N. Y.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and Fourteenth St., s s, 300′ w First Ave., five-st'y brick flat, tin roof; cost, $30,000; owner, Joseph Gallagher, s e cor. Morningside Ave. and One Hundred and Sixteenth St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

West One Hundred and Thirtieth St., No. 227, five-st'y brick flat, tin roof; cost, $16,000; owners, Watkins Bros., 1621 Madison Ave.; architect, Walter H. C. Hornum, 150 East One Hundred and Twenty-fifth St.

East Fourth St., No. 76, five-st'y brick flat, tin roof; cost, $27,000; owner, Henry S. Rokenbaugh, 531 Fifth Ave.; architects, Schneider & Herter, 48 Bible House.

East One Hundred and Twenty-third St., No. 308, five-st'y brick flat, tin roof; cost, $16,000; owner, Cornelia B. Drew, 304 East One Hundred and Twenty-third St.; architect, Geo. S. Drew, Jr., 247 West One Hundred and Twenty-fifth St.

Eighty-third St., n s, 150′ w First Ave., five-st'y brick flat, tin roof; cost, $18,000; owners, Moore & McLaughlin, 346 East Eighty-first St.; architects, Thom & Wilson, 1267 Broadway.

Twenty-fourth St., n s, 425′ e Second Ave., five-st'y brick flat, tin roof; cost, $18,000; owner, John Bousquet, 335 East Eighty-fifth St.; architect, Edward Wenz, 1491 Third Ave.

Ninety-third St., s s, 200′ e Ninth Ave., 4 five-st'y brick flats, tin roofs; cost, $110,000; owner, Charles W. Friedline, 466 Lenox Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Somerville, Mass.—*Highland Ave.*, cor. Lowell St., two frame apartment-houses, six tenements, three stories, flat roofs, 32′ x 64′; owner, Henry A. Messiah.

Marshall St., cor. Sellon Pl., three-st'y frame apartment-house, 50′ x 65′; owner, Geo. D. Goodrich; builders, Gillis Bros.

St. Louis, Mo.—Two-st'y brick flat; cost, $3,500; owner, J. Mortfeldt; contractor, J. Kreutner.

Two-st'y brick flats; cost, $4,000; owner, Sarah Vall; contractor, J. H. Drees.

CHURCHES.

Memphis, Tenn.—The building of an edifice, to cost about $75,000, for the Second Presbyterian Church, is contemplated.

FACTORIES.

Boston, Mass.—*Rutherford Ave.*, cor. Sewell Ct., Ward 4, two-st'y frame factory, flat roof, 30′ x 40′; owners, Monroe & Connelly; builders, Sawyer & Cormier.

East Second St., No. 515, Ward 14, three-st'y frame factory, flat roof, 50′ x 92′; owner, Thomas Miley; builder, J. McNamara.

Brooklyn, N. Y.—*Pear St.*, n w cor. Water St., six-st'y brick steam-fittings factory, tin roof; cost, $50,000; owner, E. H. Cole, 82 Fulton St., New York City; architect, T. F. Houghton, 340 Fulton St.

Chicago, Ill.—Illinois Soap Co., three-st'y factory, 3259 Shields Ave.; cost, $5,600.

Martin De Lamble, five-st'y factory, 158-160 Van Buren St.; cost, $18,000.

William Schukroft, three-st'y factory, 241 Fulton St.; cost, $2,000.

New York, N. Y.—*Thirteenth Ave.*, e s, 70′ s Jane St., six-st'y brick factory, gravel roof; cost, $16,000; owners, Worthen & Aldrich, 25 North Moore St.; architect, S. B. Reed, 245 Broadway.

Ninety-fourth St., n s, 250′ e Second Ave., three-st'y brick factory, tin roof; cost, $8,000; owner, Eva M. Rapp, 1651 Lexington Ave.; architect, John W. Rapp, 1651 Lexington Ave.

Willett St., No. 25, six-st'y brick factory, tin roof; cost, $14,000; owner, Herman Wertheim, 64 Pelt St.; architect, Herman Horenburger, 99 East Third St.

Philadelphia, Pa.—*Adams St.*, s s, e Trenton Ave., one-st'y factory; contractor, Philip Halbach, Twenty-sixth and Thompson Sts.

HOUSES.

Baltimore, Md.—Jacob H. Aull, 16 two-st'y stone and brick buildings, mansard roofs, e s Barclay St., bet. Fourth and Fifth Sts.

Frederick Becker, four-st'y brick building, w s Carey St., s Mosher St.

Frank H. Callaway, 5 two-st'y brick buildings, e s Kirk St., bet. Hoffman and Dolphin Sts.

Adam Miller, 9 two-st'y brick buildings, w s Latrobe St., bet. Oliver and Federal Sts.

Dr. J. Thorn, three-st'y brick building, e s Calvert St., n Saratoga St.

Herman Doran, three-st'y brick building, n e cor. Fremont and Waesche Sts.

W. H. Wehn, 7 three-st'y brick buildings, w s Gilmor St.; 8 two-st'y brick buildings, e s Vincent Alley; and 6 two-st'y brick buildings, n and s s Paradise Ct., bet. Mosher St. and Riggs Ave.

Vincent Hageman, 15 two-st'y brick buildings, n s Eagle St., bet. Payson and Pulaski Sts.

Boston, Mass.—*West Second St., Nos.* 373-375, Ward 14, 2 three-st'y frame dwells., flat roofs, 22.6′ x 49.6′; owner, John Hurley; builders, H. S. & N. Clark.

Bolton St., Nos. 258-260, Ward 14, 2 three-st'y frame dwells., flat roofs, 21′ x 35′; owner, John Hurley; builders, H. S. & N. Clark.

Paris St., Nos. 104-106, Ward 2, 2 three-st'y frame dwells., flat roofs, 21.6′ x 44′; owner, T. A. McLaughlin; builder, Wilbur Goodwin.

Bennington St., No. 519, Ward 1, frame dwell., mansard roof, 21′ x 28′; owner, Thos. Whitford; builder, E. N. Masters.

London St., No. 202, Ward 1, three-st'y frame dwell., flat roof, 20.6′ x 36′; owner, Moses C. Nay; builders, Frame & McPherson.

Knowles St., near Walter St., Ward 23, frame dwell., 22′ x 41′; owner, John McDonnell; builders, Dame & Warner.

Pope's Hill St., near Neponset Ave., Ward 24, frame dwell., 22′ x 30′; owner, Josiah H. Carter; builder, L. S. Boutier.

Elmore St., near Washington St., 2 three-st'y frame dwells., flat roofs, 23.6′ x 58′; owner, Mrs. Mary O'Keefe; builders, R. D. Ward & Co.

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BUILDING INTELLIGENCE.

Mt. Pleasant Ave., Nos. 58-60, Ward 20, two frame dwells., 22′ x 47′; owner, John White; builder, J. M. E. Morrill.

Perkins St., near Centre St., Ward 23, two frame dwells., 19′ x 53′; owner, Maria Perry; builder, G. A. Lockhart.

Gerrad St., near Norfolk Ave., Ward 20, three-st'y frame dwell., flat roof, 30.6′ x 40′; owner, P. J. Drury; builder, Valentine Bock.

Keyes St., near Steadman St., Ward 23, frame dwell., 23′ x 32′; owner, Margaretta Staab; builder, P. M. Brown.

Neponset Ave., No. 218, Ward 24, frame dwell., 27′ x 34′; owner, H. B. Blackwell; builders, J. A. Vickery & Son.

Laurel St., No. 14, Ward 24, frame dwell., 24.6′ x 43′; owner and builder, E. C. Benson.

Carolina Ave., near South St., Ward 23, frame dwell., 24′ x 45′; owner, James McTighe; builder, J. F. Sullivan.

Keyes St., near Child St., Ward 23, frame dwell., 24′ x 43′; owner, Thomas Fox; builder, J. F. Sullivan.

Chester Ave., Nos. 6-8, Ward 23, 2 three-st'y frame dwells., flat roofs, 20.6′ x 35′; owner, John Gilmore; builders, R. D. Ward & Co.

Prospect St., Nos. 5-11, Ward 3, 4 three-st'y frame dwells., 23′ x 62′; owner and builder, Wm. Sullivan.

Kittridge St., near Albano St., Ward 23, frame dwell., 39.2′ x 41′; owner, Henry Wagner; builder, Thomas Condon.

Goldsmith St., near Centre St., Ward 23, three-st'y frame dwell., hip roof, 24.6′ x 44′; owner, John Glennon; builder, J. F. Sullivan.

Linden St., near Commonwealth Ave., Ward 24, frame dwell., 30′ x 69′; owner, Alonzo Meserve.; builder, T. A. Sanford.

Leroy St., near Ditson St., Ward 24, four frame dwells., 21′ x 42.6′; owner, Mrs. L. Seldner; builder, C. A. Milton.

Chapman St., near Birch St., Ward 24, frame dwell., 26′ x 31′; owner, L. B. Blanchard; builder, G. S. Crosss.

Atwood Ave., near Day St., Ward 23, frame dwell., 2′ x 49′; owner, Daniel Haggerty; builder, N. B. Cunningham.

Mt. Vernon St., rear 55 Chestnut St., Ward 5, three-st'y frame dwell., flat roof, 28′ x 50′; owners, A. B. Downs, B. C. Wentworth.

Egleston St., near School St., Ward 23, three-st'y frame dwell., pitch roof, 20′ x 45′; owner and builder, J. P. Campbell.

Centre St., near Lagrange St., Ward 23, one-st'y frame dwell., 21.6′ x 32′; owner, S. B. Dana; builder, W. S. Mitchell.

Main St., cor. Stacey St., Ward 5, four-st'y frame dwell. and store, flat roof, 35′ x 59′; owner, J. E. O'Brien; builders, Donovan & Brock.

Gates St., No. 55, Ward 15, three-st'y frame dwell., flat roof, 21′ x 41.5′; owner, Peter Murray; builder, W. T. Eaton.

Athens St., No. 254, Ward 15, three-st'y frame dwell., flat roof, 22′ x 43.9′; owner, Richard Stack; builder, John Fleming.

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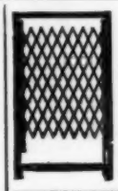

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Washington St., near Burnett St., Ward 23, three-st'y frame dwell., flat roof, 22′ x 40′; owner, Anthony C. Post; builder, C. F. Lemler.

Washington St., cor. Burnett St., Ward 23, three-st'y frame dwell. and store, flat roof; 22′ x 46′; owner, Anthony C. Post; builder, C. F. Lemler.

Rand St., No. 15, Ward 20, three-st'y frame dwell., flat roof, 23′ x 55′; owner and builder, James Devine.

Parson St., No. 81, Ward 25, frame dwell., 24′ x 47′; owner, Edgar Smith; builder, V. N. Cutter.

Selkirk Road, near Sutherland Road, Ward 25, frame dwell., 43′ x 53′; owner, Rachel C. Mayo; builder, J. F. Tarbox.

Milton Ave., near Armandine St., Ward 24, frame dwell., 23′ x 38.6′; owner and builder, Frank Cummings.

Chiswick Road, near Selkirk Road, Ward 25, two-st'y frame dwell., gambrel roof, 40′ x 48′; owner, W. B. Benedict; builder, W. S. Mitchell.

Riverdale St., Nos. 12-14, Ward 25, two frame dwells., 20′ x 45′; owner of one, E. M. Cooney; owner of other, E. B. Purdy; builder, E. B. Purdy.

Collins St., near Austin Ave., Ward 25, two-st'y frame dwell., hip roof, 28.6′ x 38′; owners, Boston Land Co.; builder, P. M. Hayden.

Englewood Ave., cor. Chiswick Road, Ward 25, frame dwell., 44′ x 44.6′; owner, J. S. Winn; builder, C. Leake.

Allston Square, near Allston St., Ward 25, frame dwell., 16′ x 55′; owner and builder, T. S. Wentworth.

Gladstone St., near Ford St., Ward 1, two-st'y frame dwell., hip roof, 16′ x 37′; owner, A. E. Harding; builder, E. J. Turner.

Dorchester Ave., No. 1392, Ward 24, three-st'y frame dwell. and store, flat roof, 35′ x 60′; owner, Patrick Finnegan; builder, Michael Ryan.

North Beacon St., near Saunders St., Ward 25, three-st'y frame dwell., 24′ x 34′; owner and builder, D. Baldwin.

Crawford St., near Elm Hill Ave., Ward 21, two-st'y frame dwell., hip roof, 40′ x 47′; owner, Salom T. Homan; builder, W. Pettigrew.

BUILDING INTELLIGENCE.

Clayton St., No. 31, *rear*, Ward 24, 2 three-st'y frame dwells., flat roofs, 32′ x 34′ and 30′ x 30′; owner, J. H. Pierce; builder, W. J. Jobling.

Ruthven St., near Humboldt Ave., Ward 21, frame dwell., 20′ x 28′, and stable, 20′ x 28′; owner, W. H. Byrnes; builders, Curley Bros.

Salisbury Ave., cor. Hampshire St., Ward 19, 5 three-st'y frame dwells., flat roofs, abt. 20′ x 28.6′; owner, Silas Pierce; builder, T. H. Hall.

Princeton St., Nos. 297-299, Ward 1, 2 three-st'y frame dwell., flat roofs, 21.3′ x 50′; owners, Meridian St. Association; builder, Thomas Yeoman.

Brookline, Mass.—*Buckminster Road*, frame dwell., dwell., 38′ x 58′, Classic style; cost, abt. $18,000; also frame stable; owner, J. W. Dunklee; builder, Henry H. Hunt, Newton Centre; architect, E. A. P. Newcomb, Boston.

Brooklyn, N. Y.—*North Tenth St.*, s s, 125′ e Berry St., 4 three-st'y frame dwells., tin roofs; cost, $3,500; owner, Michael English, next to premises; architect, Henry Vollweiler, 486 Hart St.

South Fourth St., n s, 75′ w Hooper St., four-st'y brick dwell., tin roof; cost, $9,000; owner, Mathias Beck, 263 Rutledge St.; architect, Th. Engelhardt, 905 Broadway.

Hemlock St., e s, 225′ s Griffin Pl., 2 two-st'y frame dwells., tin roofs; cost, $1,600 each; owner, August Brilly, Blake and Shepherd Aves.

Bergen St., n s, 200′ w Rockaway Ave., 2 two-st'y frame dwells., tin roofs; cost, $1,800 each; owner, John Monsees, cor. Howard Ave. and Butler St.; architect, O. S. Totten, Eastern Parkway.

Stanhope St., n s, 250′ e Hamburg Ave., 4 three-st'y frame dwells., tin roofs; cost, $4,000 each; owners, Adam, Metz & Co., 191 Stanhope St.; architect, Henry Vollweiler, 486 Hart St.

Union St., n s, 120′ e Hoyt St., 2 three-st'y brick dwells., tin roofs; cost, $4,000 each; owner, Anton Hertel, 331 Smith St.

Cornelia St., n s, 100′ w Evergreen Ave., 3 three-st'y frame dwells., tin roofs; cost, $4,500 each; owner, August Todebush, 220 Bleecker St.; architect, Benj. Finkensieper, 93 Broadway.

Liberty Ave., n s, 66′ 6″ w Powell St., 2 two-st'y frame dwells., tin roofs; cost, $2,400 each; owner, James Tweed, Liberty Ave., near Powell St.; architect, H. Vollweiler, 486 Hart St.

Suydam St., s s, 225′ w Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, E. Seifert, Morell St., near Varet St.; architect, H. Vollweiler, 486 Hart S..

North Henry St., w s, 105′ n Nassau Ave., three-st'y frame dwell., gravel roof; cost, $3,500; owner, August Kiss, 215 Eckford St.; architect, F. Weber, 211 Manhattan Ave.

Eldert St., n s, 95′ w Evergreen Ave., 7 three-st'y frame dwells., tin roofs; cost, $3,000 each; owner, C. Johnson, 86 Eldert St.; architect, F. J. Lessing, 91 Ralph Ave.

Greene Ave., s s, 270′ w St. Nicholas Ave., three-st'y frame dwell., tin roof; cost, $4,000; owner, Otto Weitz, Wyckoff and Grove Sts.; architect, Benj. Finkensieper, 93 Broadway.

Chicago, Ill.—Mrs. L. Nare, two-st'y dwell., 5209 Cornell St.; cost, $3,500.

Roman Sellig, two-st'y dwell., 830 Ferry St.; cost, $3,500.

George Fogle, cottage, 1789 Thirty-fifth St.; cost, $1,000.

J. Vlamming, cottage, One Hundred and Twelfth St., near Leavitt St.; cost, $1,000.

Mrs. Sarah Beucus, two-st'y dwell., Oglesby near Sixty-ninth Sts.; cost, $15,000.

B. Macha, cottage, 1095 Fisk St.; cost, $2,100.

W. Jakes, cottage, 808 West Nineteenth St.; cost, $1,400.

Thomas Pond, two-st'y dwell., 284-286 Irving Ave.; cost, $9,000.

C. J. Carleson, five cottages, 5912-5920 Union Ave.; cost, $5,000.

Fred M. Snow, two-st'y dwell., Pleasant Ave. near Ninety-fourth St.; cost, $6,000.

Fred Schumaker, cottage, 1389 Twenty-second St.; cost, $1,600.

Charles Rummel, cottage, 798 Humbolt Ave.; cost, $1,100.

Mrs. H. Rush, cottage, 1754 North Leavitt St.; cost, $1,500.

Hooke Bros., cottage, 1048 Byron St.; cost, $1,300.

F. Mittman, two-st'y dwell., Ashland Ave. and Noble St.; cost, $1,500.

Dr. T. H. Keith, 4 two-st'y dwells., Sunnyside and Wolcott Sts.; cost, $12,000.

E. A. Titcomb, two-st'y dwell., 1402 Millard Ave.; cost, $3,500.

Jacob Heinke, three-st'y dwell., 486 North Robey St.; cost, $9,000.

A. Langfield, cottage, 584 Sawyer St.; cost, $1,500.

E. Hicks, two-st'y dwell., Emerald Ave., near Sixty-eighth St.; cost, $1,800.

J. P. Stroms, cottage, 6042 Elizabeth St.; cost, $1,200.

Charles Cullum, two cottages, Forty-seventh and Ontario Sts.; cost, $1,700.

M. Schultzin, cottage, 106 Fremont St.; cost, $2,500.

Henry Crawford, three-st'y dwell. and barn, 2329 Calumet St.; cost, $20,000.

J. Mohrman, cottage, 2707 Dashiel St.; cost, $1,300.

C. Steinbrecher, cottage, 67 Churchill St.; cost, $1,500.

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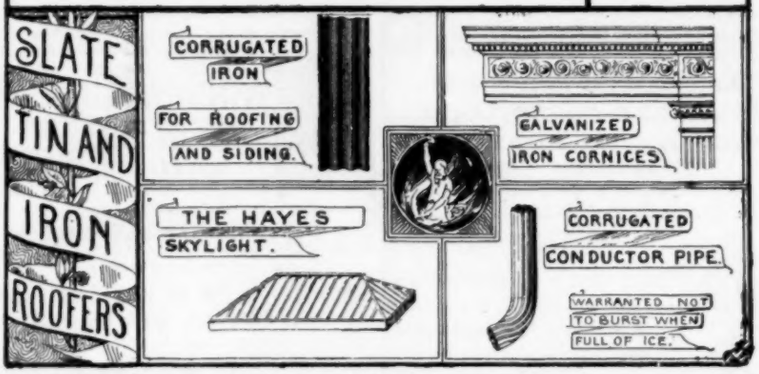

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M. C. Nugent, two-st'y dwell., Seventy-first and Champlain Sts.; cost, $2,000.

Mrs. J. W. Harpold, two-st'y dwell., 375 Woodside St.; cost, $1,500.

I. H. Boswinkle, cottage, One Hundred and Eleventh and Butterfield Sts.; cost, $1,100.

Mrs. E. A. McLelland, two-st'y dwell., 2166 Charlotte St.; cost, $2,000.

Malden, Mass.—Frame dwell., 30′ x 45′, old colonial style; owner, H. E. Sawyer; contract to be let; architect, E. A. P. Newcomb, Bosten.

New York, N. Y.—*One Hundred and Fourth St.*, s s, 100′ w West End Ave., 4 three-st'y brick dwells., tin roofs; cost, $64,000; owner, Ellen M. Harlow, One Hundred and Sixty-fourth St., and Morris Ave.; architect, M. V. B. Ferdan, 272 North Thirty-fourth St.

Eleventh Ave., e s, 50′ s One Hundred and Seventy-third St., 2 three-st'y brick dwells., tin roof; cost, $7,000; owner, Robert Miller, 645 Eighth Ave.; architect, Fred S. Schlesinger, Tenth Ave., cor. One Hundred and Sixty-eighth St.

Ninety-first St., n s, 145′ w Madison Ave., 3 four-st'y brick dwells., tin roofs; cost, $48,000; owner, George Reid, 259 West One Hundred and Thirty-first St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

West Forty-ninth St., No. 415, three-st'y brick dwell., tin roof; cost, $10,000; owner, Francis Goodman, 512 West Fifty-second St.; architect, James W. Cole, 403 West Fifty-first St.

Ninety-fourth St., s s, 178′ e Fifth Ave., 4 four-st'y brick dwells., tin roof; cost, $77,000; owner, John H. Gray, 1066 Park Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Centre Market Pl., e s, 111′ 14″ s Broome St., two-st'y dwelling and bath-house, tin roof; cost, $20,000; owners, Society for Improving the Condition of the Poor, 301 Lexington Ave.; architects, J. C. Cady & Co., 111 Broadway.

Ninety-second St., s s, 400′ Columbus Ave., 5 three-st'y brick dwells., tin roofs; cost, $75,000; owner, James Brown, 164 West Ninety-second St.; architect, Geo. F. Pelham, 1481 Broadway.

Providence, R. I.—*Moulton St.*, w s, bet. Lockwood and Pearl Sts., two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Mrs. Anna Crosby; builder, Chas. Ross.

Cabot St., w s, near Meeting St., two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Jeanie A. Arnold.

Redwing St., w s, near Bucklin St., two-and-one-half-st'y frame dwell.; owner, Miss M. E. Stewart; builder, John K. Harris.

Narragansett Ave., 3 one-and-one-half-st'y frame cottages; cost, $1,800 each; owner, J. H. Roberts; builder, Frank Campbell.

Lydia St., n s, near Condaci St., 7 one-and-one-half-st'y frame cottages; cost, $850 each; owner, Andrew Dickhaut; builder, Henry A. Buffington.

Somerville, Mass. — *Park Pl.*, two frame dwells., each 21′ x 27′, with L, 5′ x 12′; owner and builder, Benj. F. Robinson.

Vinal Ave., near Grand View Ave., frame dwell., 24′ x 40′; owner and builder, Horatio N. Mabie.

BUILDING INTELLIGENCE.

Cedar Ave., frame dwell., 19′ x 27′, with projection, 3.6′ x 13′; owner and builder, George H. Johnson.

Central St., cor. Pembroke St., frame dwell., 28′ x 36′; owner, J. Frank Mixer; builders, Parker & Kempton.

Wesley St., frame dwell., 23′ x 40′; owners and builders, Hudson and Lewis.

Central St., cor. Hudson St., frame dwell., 22′ x 46′; owner, George F. Wilkins; builder, Chas. S. Alley.

Hanson St., No. 49, frame dwell., 20′ x 28′; owner, John Welch; builder, Chas. S. Alley.

St. James Ave., two frame dwells., each 24′ x 28′, with L's, 3′ x 18.6′; owner, James Bolger; builder, John W. Prevost.

St. James Ave., frame dwell., 21′ x 26′, with L, 14′ x 15′; owner, H. W. B. Colson; builder, John W. Prevost.

Thorndike St., frame dwell., 22′ x 26′; owner and builder, John Rogers.

Kidder Ave., frame dwell., 25′ x 30′, with L, 15′ x 16′; owner, Frederick F. Stockwell; builder, G. D. B. Robinson.

Vinal St., four frame dwells., each 20′ x 26′; owner and builder, Jacob W. Wilbur.

Henderson St., six frame dwells., each 20′ x 26′; owner and builder, Jacob W. Wilbur.

Sumner St., three frame dwells., 21′ x 26′; owner and builder, Jacob W. Wilbur.

Lawrence St., frame dwell., 21′ x 26′; owner and builder, Jacob W. Wilbur.

Gorham St., four frame dwells., two 23′ x 50′ and two 24′ x 36′; owner, Chas. J. Simpson, builder, Ingram B. Phinney.

Wigglesworth St., frame dwell., 24′ x 29′, with L, 17′ x 18′; owner, John C. H. Snow.

Joseph St., frame dwell., 22′ x 40′; owner and builder, James W. Connor.

Delaware St., frame dwell., 21′ x 28′; owner and builder, Nathan H. Reed.

Jaques St., three frame dwells., each 23′ x 28′; owner and builder, Geo. E. Ricker.

Hudson St., near Central St., frame dwell., 25′ x 30′; owner and builder, Moses K. Norwood.

Bonair St., four frame dwells., each 25′ x 32′; owners, J. Stackpole and G. D. Wildes; builder, John Stackpole.

BUILDING INTELLIGENCE.

Durham St., frame dwell., 20′ x 26′; owner, Timothy Sullivan; builder, John McGirr.

Broadway and Thurston St., block of four brick dwells., 40′ x 110′; with frame L's, each 15′ x 25′; owners, Heirs of Samuel P. Langmaid; builders, Richardson & Young.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,200; owner, J. Becker; contractor, H. R. Becker.

Two-st'y brick dwell.; cost, $5,500; owner, Mrs. D. Sheeck; contractors, F. H. Gray & Bros.

Two-st'y brick dwell.; cost, $4,500; owners and contractors, F. H. Gray & Bros.

Two-st'y brick dwell.; cost, $5,000; owner, Mrs. Mary Moreau; contractors, F. Kohlmeyer & Son.

Two-st'y brick dwell.; cost, $2,900; owner, Mrs. J. Barry; contractor, H. Thomson.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, L. Krekler.

Two-st'y brick dwell.; cost, $3,000; owner, J. Westermayer; contractor, Geo. Westermayer.

Two-st'y brick dwell.; cost, $3,500; owner, Nick Geis; contractor, M. Mumnert.

Two-st'y brick dwell.; cost, $2,800; owner, A. Dietz; contractor, R. Weber.

Two-st'y brick dwell.; cost, $3,675; owner, A. Ritter; contractor, V. Berkerle.

Two-and-one-half-st'y brick dwell.; cost, $3,100; owner, Mrs. A. Noegel; contractor, H. B. Schmitz.

Two-st'y brick dwell.; cost, $4,000; owner, Mrs. Windel; contractor, Wm. Paul.

Two-st'y brick dwell.; cost, $5,000; owner, W. F. Scott; contractors, Nicholson Bros.

Two two-st'y brick dwells.; cost, $10,000; owners and contractors, J. Flannery & Bros.

Three two-st'y brick dwells.; cost, $15,000; owners and contractors, J. Flannery & Bros.

Two-st'y brick dwell.; cost, $3,500; owners and contractors, J. Flannery & Bros.

Two-st'y brick dwell.; cost, $6,000; owners and contractors, J. Flannery & Bros.

Two-st'y brick dwell.; cost, $7,000; owner and contractor, L. A. Bowlin.

Two-st'y brick dwell.; cost, $2,700; owner, Mrs. J. Hoer; contractor, W. C. Popp.

Two-st'y brick dwell.; cost, $5,000; owner, M. Merriweather; contractor, Chas. George.

Two-st'y brick dwell. and store; cost, $30,000; owner, Geo. Sauerbrun; contractor, J. P. Riechers.

Wyano, Mass. — Frame dwell., 25′ x 40′; owner, George E. Laverack, Buffalo, N. Y.; builder, M. C. Waterhouse, Bourne, Mass.; architect, E. A. P. Newcomb, Boston.

RAILROAD-BUILDINGS.

Detroit, Mich. — Henry George & Son have been given the contract for the new Union Depot to be built cor. Fort and Third Sts.; cost, abt. $165,000.

New York, N. Y.—*Willis Ave.*, s e cor. One Hundred and Thirty second St., one-st'y iron passenger depot, peak, tin roof; cost, $7,500; owners, N. Y., N. H. & H. R. R. Company, New Haven, Conn.; architect, F. S. Curtis, New Haven, Conn.

Willis Ave., e s, 56′ s One Hundred and Thirty-second St., one-st'y iron and wood railway station, peak, tin roof; cost, $10,000; owners, N. Y., N. H. & H. R. R. Company, New Haven, Conn.; architect, F. S. Curtis, New Haven, Conn.

Willis Ave., e s, 109′ e One Hundred and Thirty-second St., two-st'y brick and iron railway station, peak, slate roof; cost, $70,000; owners, N. Y., N. H. & H. R. R. Company, New Haven, Conn.; architect, F. S. Curtis, New Haven, Conn.

SCHOOL-HOUSES.

Austin, Texas. — A bill appropriating $100,000 for the establishment of an agricultural and mechanical college has been introduced in the legislature.

Beeville, Texas. — A school-building, to cost about $20,000, will probably be built.

Crockett, Texas. — A $15,000 school-building will probably be built.

STABLES.

Boston, Mass.—*Ford St.*, near Ashley Ave., Ward 1, two-st'y frame stable, pitch roof, 20′ x 20′; owner, Mrs. H. Adams; builder, Thomas Yeoman.

New York, N. Y. — *West Nineteenth St., Nos.* 452-454, three-st'y brick stable, tin roof; cost, $18,000; owner, Richard Fitzpatrick, 553 West One Hundred and Twenty-ninth St.; architects, Walgrove & Israels, 99 Nassau St.

East Thirty-eighth St., No. 221, four-st'y brick stable, tin roof; cost, $10,000; owner, Chr. G. Huepfel, 148 East Thirty-seventh St.; architect, J. Kastner, 744 Broadway.

West Twenty-fourth St., No. 117, two-st'y brick stable, peak, slate roof; cost, $3,250; owner, Henry Maillard, Fifth Avenue Hotel; architect, W. H. Berrian, 459 West One Hundred and Sixty-second St.

Ninety-first St., s s, 250′ e Second Ave., two-st'y brick stable, tin roof; cost, $4,500; owner, Simon J. Stroh, 1107 Park Ave.; architect, Henry E. Stroh, 1636 Third Ave.

Cornelia St., No. 19, three-st'y brick stable, tin roof; cost, $12,000; owner, John B. McPherson, 56 Charles St.; architect, A. H. Walker, 110 Leroy St.

One Hundred and Thirty-eighth St., s s, 100′ e Lenox St., three-st'y brick stable, tin roof; cost, $7,5000; owner, J. J. Farley, 1990 Madison Ave.; architect, Geo. Robinson, Jr., 247 West One Hundred and Twenty-fifth St.

Philadelphia, Pa. — *Siegel St.*, s w cor. Nineteenth St., two-st'y stable; owner, Chas. Ferry, 1336 Bateman St.

Croskey St., e s, bet. Norris and Diamond Sts., two-st'y stable; owners, J. S. Thomas & Co., 2222 North Twenty-second St.

Myrtlewood Ave., bet. Girard Ave. and Thompson St.; builder, J. J. Gallahue, 1720 Taney St.

West Norris St., No. 1432, two-st'y stable; builders, Stewart Bros., 2527 North Fifth St.

Weiss St., w s, n Millis St., one-st'y stable; owner, A. Miller, Weiss St.

City Line Road, e Overbrook Station, frame stable; builder, George Hearst, 427 School Lane.

Westmoreland St., s s, w Trenton Ave., two-st'y stable; owner, J. Steelman, Tioga and Amber Sts.

Erie Ave., n s, bet. Second and Third Sts., one-st'y stable; owner, Thos. Barnes, s w cor. Erie Ave., and Second St.

Somerville, Mass. — *Holland and Elmwood Sts.*, frame stable, 24′ x 36.6′; owner, John W. Cook; builder, Andrew C. Remick.

Kidder Ave., frame stable, 18′ x 26′; owner, Frederick F. Stockwell; builder, G. D. B. Robinson.

St. Louis, Mo. — Two-st'y brick stable; cost, $2,500; owners, American Ice and Coal Co.; contractor, sublet.

Two-st'y brick stable; cost, $5,400; owner, Mrs. C. Winkelmeyer; contractors, Bothe & Raterman.

STORES.

Boston, Mass. — *Union Park St., No.* 5, Ward 17, one-st'y brick store, flat roof, 15′ x 26′; owner, Mrs. I. M. Keith; builder, W. P. Hanscom.

Peaceable St., near Rockland St., Ward 25, two-st'y frame stores and shops, flat roof, 40′ x 45′; owner, J. E. Hannigan; builder, V. M. Cutler.

Brooklyn, N. Y.—*Tompkins Ave.*, e s, 100′ s Vernon Ave., four-st'y brick store and flat, tin roof; cost, $8,500; owner, Mrs. M. Battalora, 74 Sumner Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Evergreen Ave., n w cor. Jefferson Ave., three-st'y frame store and dwell., tin roof; cost, $4,200; owner and architect, R. B. Müller, 37 Cornelia St.

Fulton Ave., s s, 266′ w Ashford St., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, Joseph Koechler, Fulton Ave., near Warwick St.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Union St., s s, 130′ w Third Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $2,800 each; owner, Patrick Whelan, Sackett St. and Third Ave.

Meserole Ave., s w cor. Leonard St., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, Richard Gosan, n e cor. Meserole and Leonard Sts.; architect, Henry Vollweiler, 486 Hart St.

Broadway, s e cor. Fairfax St., three-st'y brick store and dwell., tin roof; cost, $9,000; owner, A. L. Viennester, Broadway and Flushing Ave.; architect, Th. Engelhardt, 905 Broadway.

Ewen St., w s, 50′ n Johnson Ave., four-st'y brick store, tin roof; cost, $12,000; owner, M. Fliegenheimer, 121 Ewen St.; architect, Th. Engelhardt, 905 Broadway.

Fayette St., s s, 75′ e Broadway, four-st'y brick store and dwell., tin roof; cost, $9,000; owner, Wm. Andrews, 1370 Broadway; architect, Th. Engelhardt, 905 Broadway.

Havemeyer St., w s, 51′ n South Fourth St., four-st'y brick store and dwell., tin roof; cost, $7,000; owner, Charles Mueller, 187 Havemeyer St.; architect, Th. Engelhardt, 905 Broadway.

Vanderbilt Ave., w s, 75′ n Pacific St., 2 four-st'y brick stores and dwells., tin roofs; cost, $6,000; owner, Hannah Sullivan, Patchen Ave., near Decatur St.; architect, M. F. Walsh, 371 Fulton St.

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BUILDING INTELLIGENCE.

Thatford Ave., e s, 125′ s Eastern Parkway, three-st'y frame store and dwell., tin roof; cost, $3,000; owner, Jacob Axebrod, 64 Suffolk St., New York.

Broadway, s e cor. Fayette St., four-st'y brick store, tin roof; cost, $9,000; owner, Wm. Andrews, 1370 Broadway; architect, Th. Engelhardt, 905 Broadway.

Bedford Ave., n s, 84′ e Lorimer St., three-st'y frame store and dwell., gravel roof; cost, $3,000; owner and architect, S. M. Randall, 154 Manhattan Ave.

Atlantic Ave., s s, 50′ e Wyona St., three-st'y frame store and dwell., tin roof; cost, $3,500; owner, Mary E. Sutter, Wyona St.

Troy Ave., n w cor. Bergen St., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, Patrick McDonald, 1243 Prospect Pl.; architect, Karl Peters.

Driggs St., n e cor. North Fifth St., four-st'y frame store and dwell., tin roof; cost, $5,000; owner, architect and builder, Henry Vollweiler, 486 Hart St.

Bedford Ave., e s, 130′ n Willoughby Ave., four-st'y brick store and dwell., tin roof; cost, $10,000; owner, architect and builder, H. F. Burroughs, Adelphi St., near De Kalb Ave.

Knickerbocker Ave., w s, 75′ s Jefferson St., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, John H. Hahnemann, 18 North Oxford St.; architect, Henry Vollweiler, 486 Hart St.

Chicago, Ill. — Herman Buss, 2 two-st'y stores and flats, 847 Sheffield Ave.; cost, $8,000.

Albert Krafts, two-st'y stores and flats, 52 Coulter St.; cost, $2,500.

John Brems, three-st'y stores and flats, 1523-25 Lake St.; cost, $8,000.

L. Sarzisson, two-st'y stores and flats, 606 West Nineteenth St.; cost, $3,000.

G. Linstedt, two-st'y stores and flats, 5958 Carpenter St.; cost, $2,300.

L. Brieske, 2 two-st'y stores and flats, 3251 Clark St.; cost, $7,100.

Richard Dumer, three-st'y store and dwell., 628 Larrabee St.; cost, $4,000.

J. Lushski, four-st'y store and flats, 1097 Milwaukee St.; cost, $7,000.

Henry Brasch, three-st'y store and flats, 391 North Ashland Boulevard; cost, $9,000.

William Stafford, two-st'y store and flats, 8501 Buffalo St.; cost, $2,400.

Mrs. L. Kramer, two-st'y stores and flats, 7544 Dobsen St.; cost, $2,000.

John Berry, two-st'y store and parlors, 581 West Madison St.; cost, $14,000.

George T. Busse, two-st'y store and flats, Lake Ave. and Fifty-fifth St.; cost, $12,000.

L. Cromp, three-st'y store and flats, 2516 Honore St.; cost, $6,500.

John Rieif, two-st'y store and flats, 830 West Nineteenth St.; cost, $1,300.

M. Wagner, two-st'y store and flats, 5306 School St.; cost, $2,000.

Frank O. Elworth, three-st'y store and flats, 323 West Huron St.; cost, $5,000.

E. Smith, 2 two-st'y stores and flats, Vincennes Ave. and Grove St.; cost, $5,000.

J. C. Athkin, two-st'y store and dwell., 892 Kedzie Ave.; cost, $2,500.

James Plamons, three-st'y store and flats, 779 Taylor St.; cost, $3,500.

R. Gale, two-st'y store and dwell., 1123 Southport Ave.; cost, $4,000.

A. Y Forg, two-st'y store and dwell., 9508 Commercial St.; cost, $2,500.

D. M. Hayes, three-st'y store and flats, 4953 Halsted St.; cost, $8,000.

BUILDING INTELLIGENCE.

Estate J. P. Ryerson, 4 four-st'y stores, 218-224 South Water St.; cost, $16,000.

A. L. Stone, four-st'y stores and flats, 1725 State St.; cost, $6,500.

William Spain, five-st'y store and flats, 177 Illinois St.; cost, $15,000.

J. W. Bury, two-st'y store and flats, 349 Warren Ave.; cost, $9,000.

Lerrisky & Hanrahan, two-st'y stores and flats, 5103-5105 Halsted St.; cost, $8,000.

P. J. McMahon, three-st'y store and flats, Sixty-ninth and Stony Island Sts.; cost, $3,000.

L. Seiter, two-st'y store, Avenue K and One Hundred and Fourth St.; cost, $2,500.

John Cada, two-st'y store and flats, Winchester Ave. and Fifteenth St.; cost, $3,000.

J. S. Smith, three-st'y store and dwell., 752 West North Ave.; cost, $10,000.

J. A. Coleman, five-st'y store and flats, 1414 Wabash Ave.; cost, $50,000.

W. P. Atwood, 3 three-st'y stores and flats, 199-203 Colorado Ave.; cost, $7,500.

Thomas Scott, 3 two-st'y stores and flats, 1379-1383 Lake St.; cost, $10,000.

A. B. Brown, two-st'y store and flats, 531 Sixtieth St.; cost, $2,000.

C. Karsdof, two-st'y store and flats, Halsted and Fifty-second Sts.; cost, $4,000.

Mrs. A. S. Harmon, three-st'y store and flats, 1155-1157 South Western Ave.; cost, $10,000.

Dora Wellman, three-st'y store and flats, 5037 Halsted St.; cost, $5,000.

George Schmid, 3 three-st'y stores and flats, 365-369 Webster Ave.; cost, $15,000.

John Faegtesh, two-st'y store and flats, 5007 Ashland Ave.; cost, $3,200.

W. A. Hoffman, two-st'y store and dwell., Sixty-third and Eberhardt Sts.; cost, $1,000.

G. F. Gavett, 2 three-st'y stores and flats, 1408-1410 Madison St., cost, $11,000.

F. J. Dewes, two-st'y store and flats, Short and Fuller Sts.; cost, $2,000.

J. O. Conner, two-st'y store and flats, Fifty-fourth and Morgan Sts.; cost, $3,500.

A. Minnecani, three-st'y store and flats, 674 Van Buren St.; cost, $6,000.

Joe Mackowiak, two-st'y store and flats, 1039 Whipple St.; cost, $6,700.

F. H. Stapf, store, Wripp and Cortland Sts.; cost, $1,800.

T. J. Sullivan, two-st'y store and flats, 4735 Ashland Ave.; cost, $4,000.

Prince & Madderon Bros., store, Michigan Ave. near One Hundred and Ninth St.; cost, $1,700.

N. G. Anderson, four-st'y store and flats, 234 North Elizabeth St.; cost, $8,000.

Frank Ropata, two-st'y store and flats, 15 Fisk St.; cost, $3,500.

V. Kruischaat, three-st'y store and flats, 729 Allport St.; cost, $11,000.

Frank Sessman, three-st'y store and flats, 850 West Division St.; cost, $8,000.

Patrick McAuliffe, two-st'y store and flats, 656 West Twentieth St.; cost, $4,500.

A. E. Foster, two-st'y store and flats, Seventy-fifth St. and Madison Ave.; cost, $2,200.

W. G. Hill, two-st'y store and flats, Eighty-third St., near Central Park Ave.; cost, $1,600.

P. W. Cavanaugh, two-st'y store and flats, Forty-third and School Sts.; cost, $1,300.

Mrs. Mary Donovan, three-st'y stores and flats, 406 Albany Ave.; cost, $6,000.

Richard Smal, two-st'y store and flats, 3843 Wallace St.; cost, $2,500.

Frank Krus, four-st'y store and flats, 414 West Eighteenth St.; cost, $11,000.

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BUILDING INTELLIGENCE.

C. Yerrien, two-st'y store and flats, 916 Belmont St.; cost, $3,200.

Carl Curtis, four-st'y store and flats, 228-230 Clark St.; cost, $25,000.

Kate Fennessy, three-store and flats, 2998 Archer Ave.; cost, $8,000.

A. O. Kensky, three-st'y store and flats, 930 Clybourn Ave.; cost, $6,000.

Detroit, Mich. — F. Whitman, double brick store, 451-453 Russell St.; cost, $3,400.

New York, N. Y. — *Waverly Pl., Nos.* 20-22, eight-st'y brick store, asphaltum roof; cost, $140,000; owner, Simon Goldenberg, 29 East Seventy-second St.; architect, Alfred Zucker, Lincoln Building, Union Square.

Bleecker St., Nos. 123-125, eight-st'y brick store, asphaltum roof; cost, $130,000; owner, Charles Banks, 14 West Fortieth St.; architect, Alfred Zucker, Lincoln Building, Union Square.

Seventh Ave., e s, bet. Fifty-second and Fifty-third Sts., nine-st'y brick store, flat and peak roof; cost, $450,000; owners, Manhattan Storage & Warehouse Co., Forty-second St. and Lexington Ave.; builder, Marc Eidlitz & Son, 123 East Seventy-second St.

One Hundred and Twenty-fifth St., n s, 75′ w Lenox Ave., 3 two-st'y brick stores, flat tin roof; cost, $18,000; owner, Henry O'Neil, 104 West One Hundred and Twenty-sixth St.; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St.

Columbus Ave., w s, 102′ n Seventy-eighth St., one-st'y brick store, flat, peak, tar and gravel roof; cost, $5,000; owner, Hugh B. Auchincloss, Orange, N. J.; architects, Thos. W. Weatherede & Son, 46-48 Marion St.

Fulton St., No. 127, eight-st'y brick and terra-cotta store and warehouse; cost, $60,000; owners, Messrs. Keuffel & Esser; architects, De Lemos & Cordes.

Ninety-fourth St., s s, 90′ e Third Ave., one-st'y brick store, tar and gravel roof; cost, $5,000; owner, Geo. Ehret, Ninety-second St. and Third Ave.; architect, J. Kastner, 744 Broadway.

Vestry St., No. 19, five-st'y brick store, tin roof; cost, $15,000; owner, David W. Cochran, 15 Vestry St.; architect, Alfred E. Barlow, 149 Broadway.

Laight St., No. 24, six-st'y brick, stone and iron store; cost, $30,000; owner, A. D. Juillard; contractor, Richard Berger.

Philadelphia, Pa. — *North Broad St., No.* 2210, one-st'y store; owner, Geo. A. Rice, 3403 North Broad St.

Twenty-third St., e s, n Oakford St., 2 two-st'y stores and dwells.; owner, Chas. Kane, 2011 Siegel St.

Twenty-ninth St., e s, n Susquehanna Ave.; 2 three-st'y stores and dwells.; contractor. Wm. F. Albrecht, Twenty-ninth and York Sts.

St. Louis, Mo.—Two-st'y store and flats; cost, $4,000; owner, F. Sieffer; contractor, F. Arnold.

Two-st'y store and flats; cost, $6,500; owner and contractor, Chas. Imse.

Two-st'y store and dwell.; cost, $2,500; owner, Mrs. M. Muth; contractor, F. Arnold.

TENEMENT-HOUSES.

New York, N. Y.—*East One Hundred and Fifty-first St., No.* 560, four-st'y brick tenement, tin roof; cost, $9,000; owner, John B. Buese, 562 East One Hundred and Fifty-first St.; architect, Anthony F. A. Schmitt, 606 Courtlandt Ave.

Broome St., No. 209, five-st'y brick tenement, tin roof; cost, $13,000; owner, Eva Myers, 214 East Nineteenth St.; architect, Herman Horenberger, 99 East Third St.

First Ave., No. 2321, five-st'y brick tenement, tin roof; cost, $16,000; owner, Frederick Hoch, 162 East Sixty-fourth St.; architects, Kurtzer & Rohl, cor. Third Ave. and Seventh St.

Somerville, Mass. — *Somerville Ave.*, cor. Frost Ave., frame tenement and two stores, 29′ x 30′; owner, Geo. H. Sallaway; builder, T. Griffiths.

MISCELLANEOUS.

Atlanta, Ga.— A building, to cost $50,000, is contemplated by the Young Men's Christian Association.

Augusta, Ga.—A four-st'y building for the *Chronicle* is contemplated.

Plans are being prepared for a building for the Commercial Club to cost about $50,000.

Boston, Mass. — *State St., No.* 92, cor. Merchants Row, Ward 6, nine-st'y brick banks and offices, flat roofs, 53.9½′ x 50′; owner, J. S. Farlow, estate.

Bristol, Tenn. — Union depot to cost $75,000 is reported to be built.

BUILDING INTELLIGENCE.

Brooklyn, N. Y.—*Grand Ave.*, n e cor. Park Pl., two buildings, three-st'y brick police-station and two-st'y stable, tin roofs; cost, $35,775; owner, City of Brooklyn; architect, George Ingram; builder, John E. Williams.

Clay St., n s, 194′ 3″ e Commercial St., two-st'y brick boiler-shop and pattern storage building, gravel roof; cost, $3,200; owners, Logan Iron Works, Commercial and Clay Sts.; architect, John D. Logan, Commercial and Clay Sts.

Skillman St., e s, 125′ s Flushing Ave., brick meter and boiler house, tin roof; cost, $3,500; owners and architects, People's Gas Co., 5-7 Skillman St.

Van Pelt Ave., s s, 88′ 6½″ w Graham Ave., three-st'y frame cabinet-shop and stable, tin roof; cost, $3,500; owner, Joseph Goetz, Ewen and Stagg Sts.; architects, D. Acker & Son, 752 Broadway.

State St., s s, 137′ e Columbia Pl., one-st'y brick boiler and engine house, gravel roof; cost, $20,000; owners, Montague Railroad Co., 32 Nassau St., New York; architect, Robert Gillham, 45 Broadway, New York.

Maspeth Ave., s s, 23′ w Porter Ave., one and two-st'y brick gas works, iron and slate roof; cost, $74,400; owners, Equity Gas Light Co., Maspeth and Porter Aves.; architect, W. P. Elliott, Maspeth and Porter Aves.

Moore St., No. 102, three-st'y brick tailor shop, tin roof; cost, $3,000; owner, S. Simon, 35 East Broadway, New York; architect, Henry Vollweiler, 486 Hart St.

Chicago, Ill.—J. Tomlinson, three-st'y fire insurance patrol house, 210 South Peoria St.; cost, $12,000.

T. E. Wells & Co., two-st'y market, Packers Ave. and Forty-sixth St.; cost, $1,000.

Wacker-Birk Brewing Co., barn and ice-houses, 805-807 Thirty-third St.; cost, $4,000.

Detroit, Mich.—I. E. Boonier, one-st'y brick moulding shop, 410-424 River St.; cost, $20,000.

New York, N. Y.—*Twelfth Ave.*, w s, 66′ s One Hundred and Thirtieth St., two-st'y brick bottling establishment, gravel roof; cost, $10,000; owner, Mary G. Kinkey, One Hundred and Thirty-ninth St.; architects, Weber & Drosser, 81-82 Bible House.

West Sixtieth St., Nos. 122-124, three-st'y brick workshop and printing-office, tin roof; cost, $7,500; owner, Congregation of St. Paul, 415 West Fifty-ninth St.; architects, Luke A. Burke & Co., 49 Chamber St.

Philadelphia, Pa. — *Springfield Ave.*, e s, s Willow Grove Ave., three-st'y machine-shop; owner, W. H. H. Heydrink, Chestnut Hill.

Providence, R. I. — *Broad St.*, s w cor. Richmond St., three-st'y brick building; cost, $6,000; owner, Mary E. Harrington; builder, David Glover.

PROPOSALS.

PAINTING.

[At Plymouth, Mass.]

Office of J. Williams Beal, Architect, 68 Mason Building, Boston, Mass.

Sealed proposals will be received at this office up **to noon, Monday, April 12, 1891,** for painting the exterior of the old Court-house, Plymouth, according to the specifications, which may be seen at this office.

Bids will be upon a blank form furnished by the architect, and to be addressed to the Plymouth County Commissioners, and endorsed "Proposal for the Exterior Painting of the Court-house, Plymouth."

The Commissioners reserve the right to reject any and all bids per order of the Commissioners.

Jedediah Dwelley,
Wm. Rankin,
Walter H. Faunce,
} Commissioners.

798

April 4, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 28th day of April, 1891, for all the labor and materials, and putting in place complete, one hydraulic passenger and two hydraulic freight-elevators, including cylinders, pumps, pressure and discharge tanks, piping, cars, platforms, etc., in the United States Appraiser's stores building at Chicago, Ill., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Chicago, Ill. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for One Hydraulic Passenger and Two Hydraulic Freight-elevators for the United States Appraiser's Stores building at Chicago, Ill.," and addressed to JAS. H. WINDRIM, Supervising Architect. 799

April 3, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 1st day of May, 1891, for furnishing all the labor and materials required to put in place complete the system of plumbing for the United States Court-house, Post-office, etc., building at Clarksburgh, W. Va., including the finishing of the four rooms in attic, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Clarksburgh, W. Va. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in envelopes sealed and marked "Proposal for the Completion of Plumbing, Attic Rooms, etc., for the United States Court-house and Post-office, etc., building at Clarksburgh, W. Va.," and addressed to JAS. H. WINDRIM, Supervising Architect. 799

March 26, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of April, 1891, for all the labor and materials required to complete the basement and area walls, etc., for the United States Custom-house and Post-office building at Newark, N. J., including excavation, concrete foundations, iron-work of basement and first-story floor, etc., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Newark, N. J. Each bid must be accompanied by a certified check for $500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for Excavation, Concrete Foundations, Basement and Area Walls, Iron-work for Basement and First Floor, etc., of the United States Custom-house and Post-office building at Newark, N. J.," and addressed to JAS. H. WINDRIM, Supervising Architect. 798

Proposals for Cut-granite. Office of Building for Library of Congress, No. 145 East Capitol Street, Washington, D. C., March 24, 1891. Sealed proposals for furnishing and delivering the cut-granite of light-blue-gray color and fine grain required for the chimney, two small lodges and curbing of the boiler-room, and for pump-beds and girder templates, for the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 18th day of April, 1891, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 798

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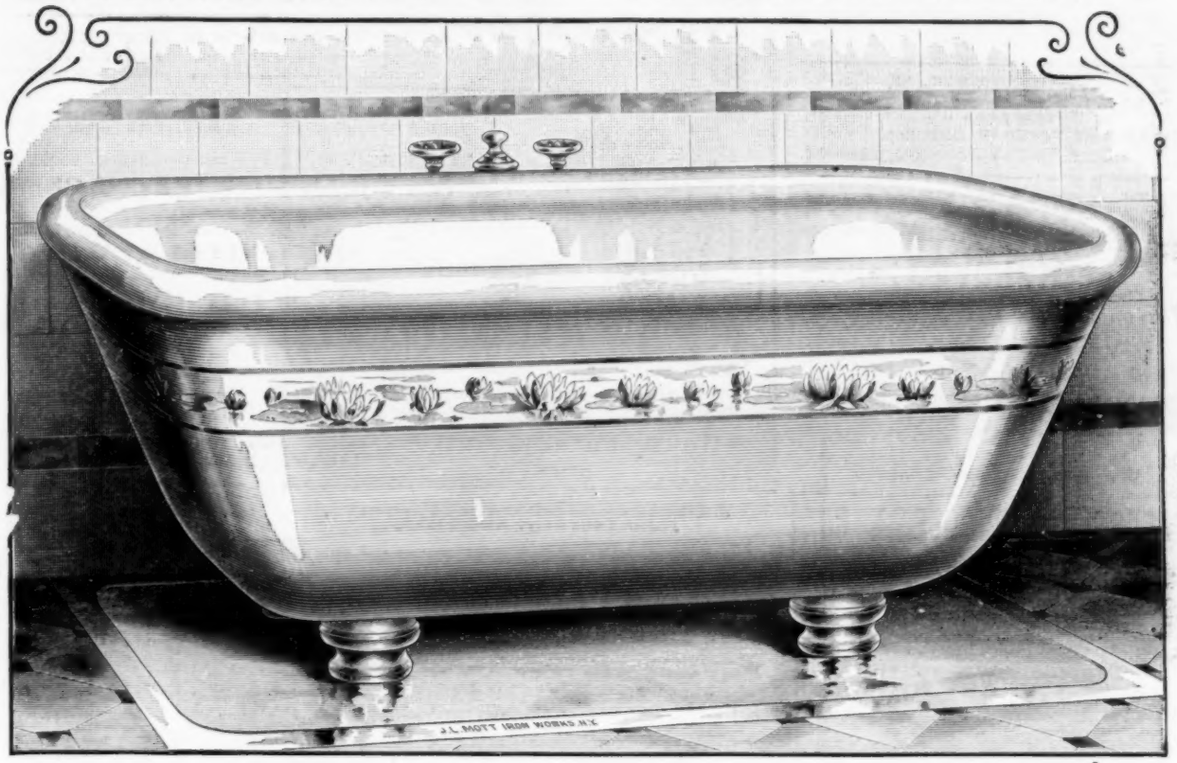

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[*See Alphabetical Index on page VII for Pagination.*]

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G. W. Grove, Washington, D. C.

Aluminum. Cowles Electric Smelting and Aluminum Co., Cleveland, O.

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W. R. Ostrander & Co., New York.

Architect's Materials.
Frost & Adams, Boston. (cow)

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Welsh Pavement Co., New York, N. Y. (cow)

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Asbestos Packing Co., Boston, Mass.

Asbestos Felt & Boiler Coverings.
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H. F. Watson, Erie, Pa.

Asbestos Paint.
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E. H. Wootton, New York.

Asphalt Roofing.
Warren Chemical & M'f'g Co., New York.

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Stebbins Mfg. Co., Brightwood, Mass. (cow)
H. A. Williams Mfg. Co., Boston, Mass. (mon)

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Baltimore Blind & Awning Co., Baltimore, Md.

Blue Paper.
Philadelphia Blue Print Co., Phila., Pa. (mon)

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C. L. Rogers, Milton, Pa.

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Babcock & Wilcox Co., New York. (cow)
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Gorton & Lidgerwood Co., New York. (cow)
Nason Mfg. Co., New York, N. Y.
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Peerless Brick Co., Philadelphia, Pa.
Waldo Bros., Boston.
Washington Hydraulic-Press Brick Co., Washington, D. C.

Brick Machine.
The Frey, Sheckler Co., Bucyrus, O. (cow)

Bronzework.
Bureau Bros., Philadelphia, Pa. (mon)

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H. W. Johns M'f'g Co., New York.

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Union Akron Cement Co., Buffalo, N. Y. (cow)

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Harwood Manufacturing Co., Boston.

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H. M. Hansen, Chicago, Ill. (mon)

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Clay Shingle Co., Indianapolis, Ind.

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Souderless Standing-Seam Conductor Co., Allegheny, Pa.

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Josephus Plenty, New York.

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Samson Cordage Works, Boston. (cow)

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Meaker & Bro., St. Louis, Mo.

Creosote Stains. S. Cabot, Boston.

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Donald McDonald, Boston.
W. J. McPherson, Boston.

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Draughtsmen's Supplies.
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Dumb Waiter.
M. B. Sweezey, Chicago, Ill. (mon)

Eaves-Trough.
Sims & Millard, Newark, O. (mon)

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Holtzer-Cabot Co., Boston, Mass.

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American Electric Elevator Co., New York.
Crane Elevator Co., Chicago, Ill.
Ellithorpe Air-Brake Co., New York.
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Morse, Williams & Co., Philadelphia.
Otis Brothers & Co., New York.
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Springfield Foundry Co., Springfield, Mass.
Whittier Machine Co., Boston.

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Springfield Foundry Co., Springfield, Mass.

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"Otto" Gas Engine Works, Phila.

Engines (Hot-air).
Rider Engine Co., New York.

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Wolcott & West, Syracuse, N. Y.

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Henry Maurer, New York.
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J. J. Schillinger, New York. (cow)
Somerset Potters Works Co., Somerset, Mass. (cow)

Fireproof Construction.
Wright Fireproofing Co., New York.

Fireproof Lathing.
Gustavino Fireproof Construction Co., N. Y.
Hayes Metallic Lathing, New York.

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National Wood M'f'g Co., N. Y.

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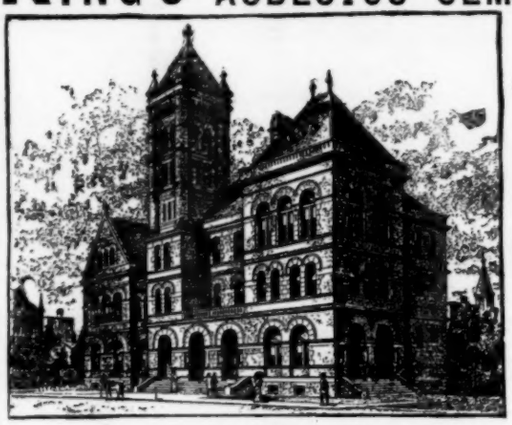

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Steel Lath.
Central Expanded Metal Co., Pittsburgh, Pa. (sow)
Steel Roofing.
Globe Iron Roofing Co., Cincinnati, O. (sow)
Stone (Building).
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G. P. Sherwood, New York.
Southern Granite Co., Atlanta, Ga.
Geo. W. White, New York
Sympathetic Ink.
Stupakoff & Naegeley, Pittsburgh, Pa.
Terra-Cotta. Boston Terra-Cotta Co.
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Providential Tile Works, Trenton, N. J.
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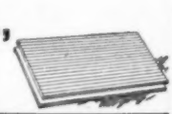

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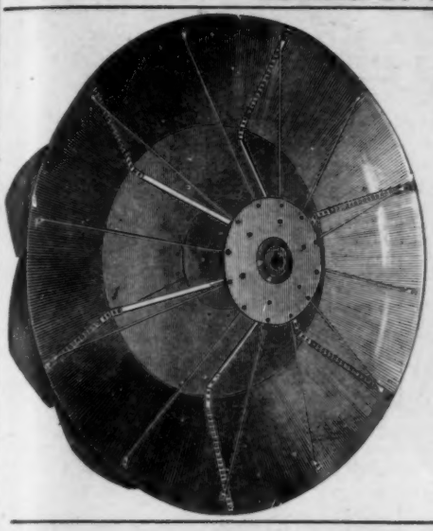

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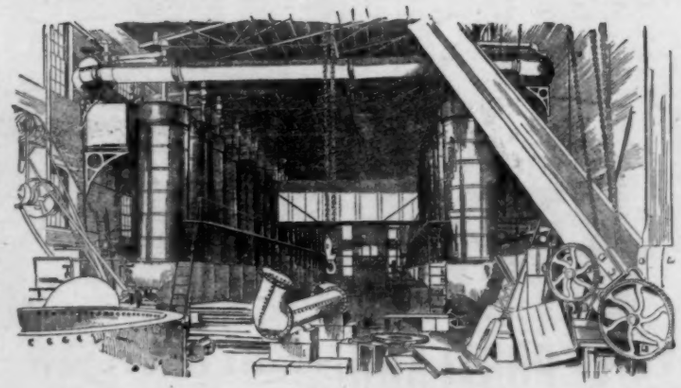

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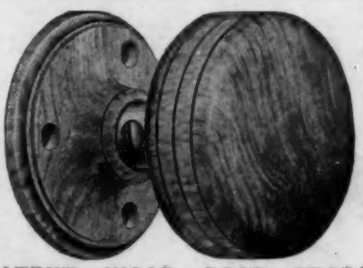

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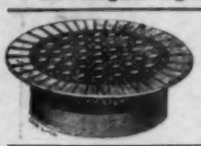

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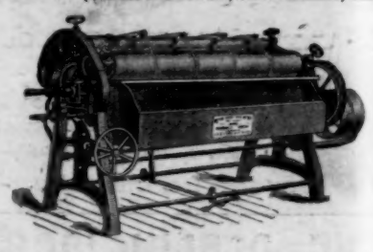

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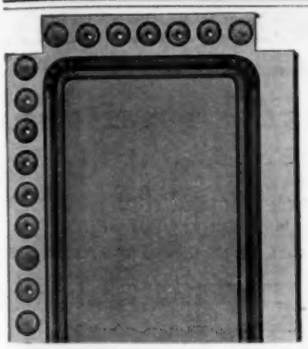

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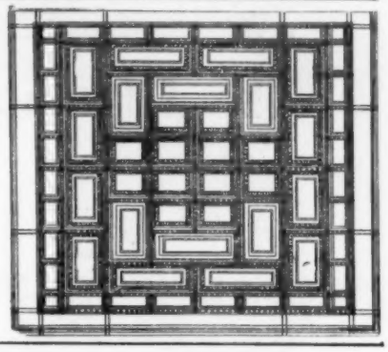

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Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 00 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	32 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	25 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	14 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 00 @ 2 15	2 25 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	₱ 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*				
Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 0

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Jersey	4 50 @ 5 50	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	{ @ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (R. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
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Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
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Lemont	@		35 @ 60	75 @ 1 50
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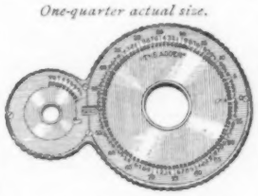

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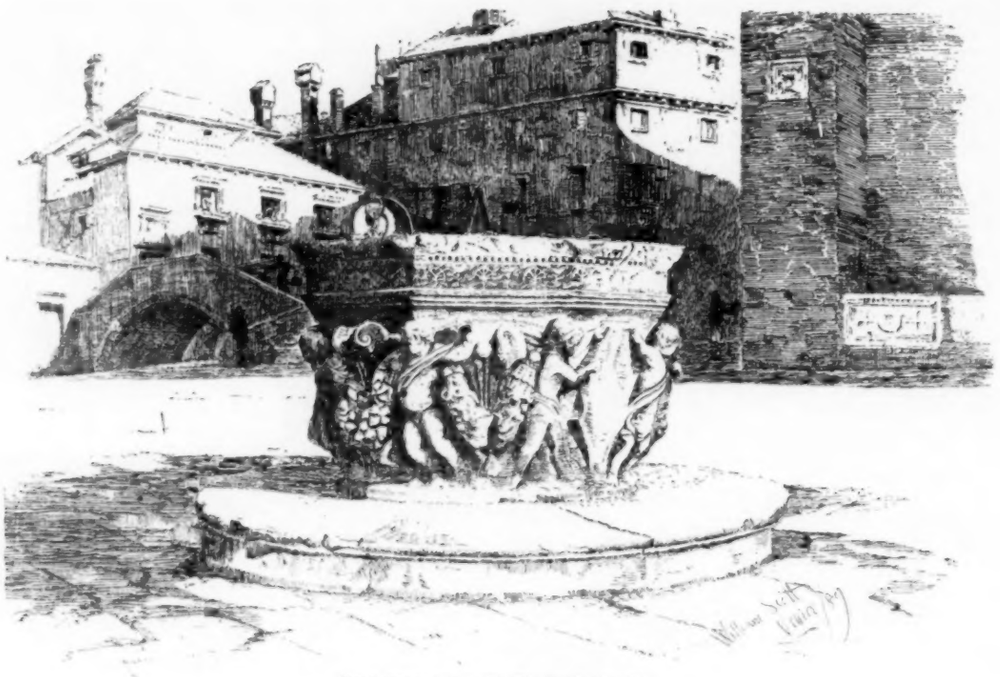

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Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
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" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
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" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
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" " boiled (℔ gal.)	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine (℔ gal.)	41 @ 42	43 @ 44	51 @ 51	@ 44
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Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
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Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
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10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
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Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 8	@ 7	@ 6¾
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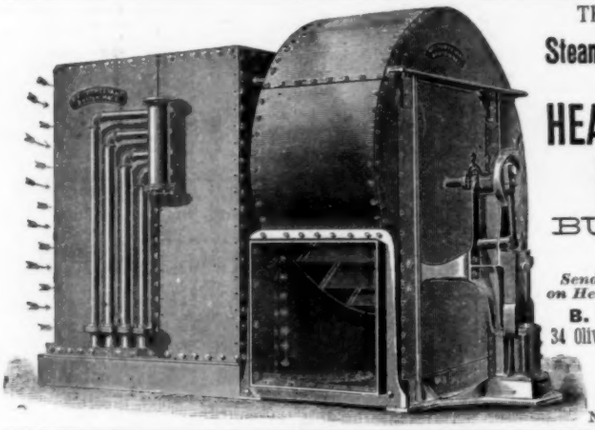

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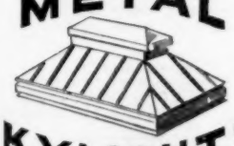

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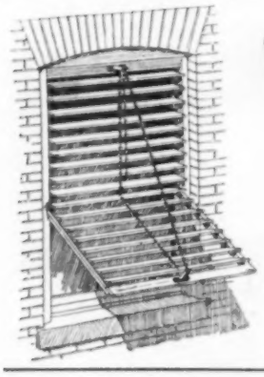

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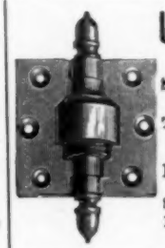

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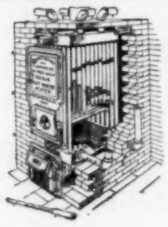

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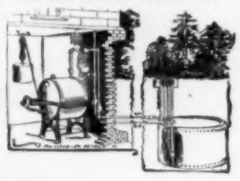

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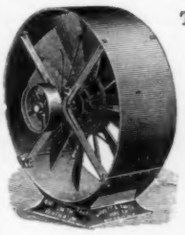

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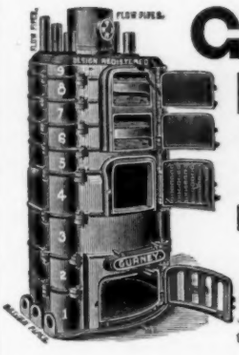

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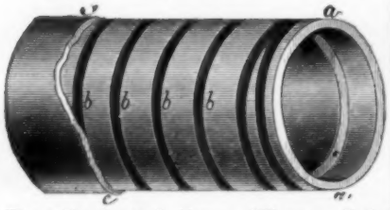

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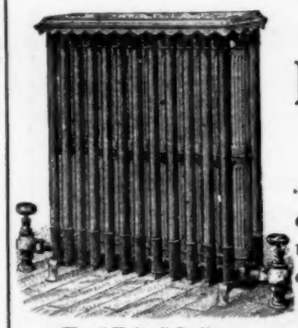

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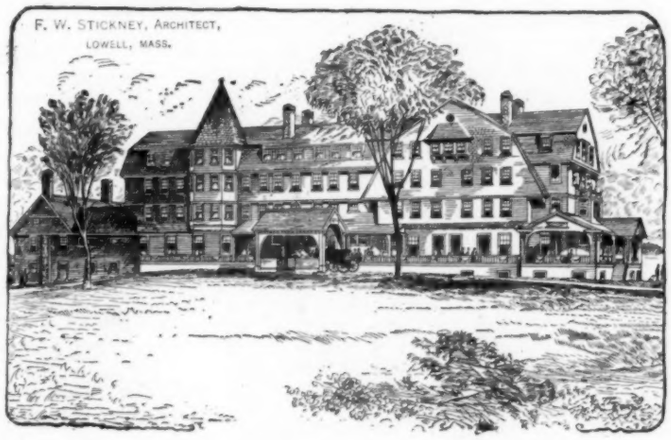

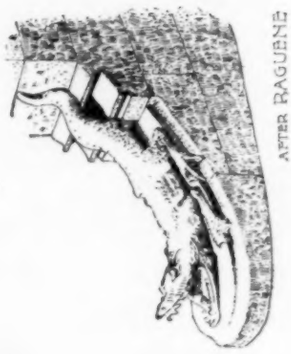

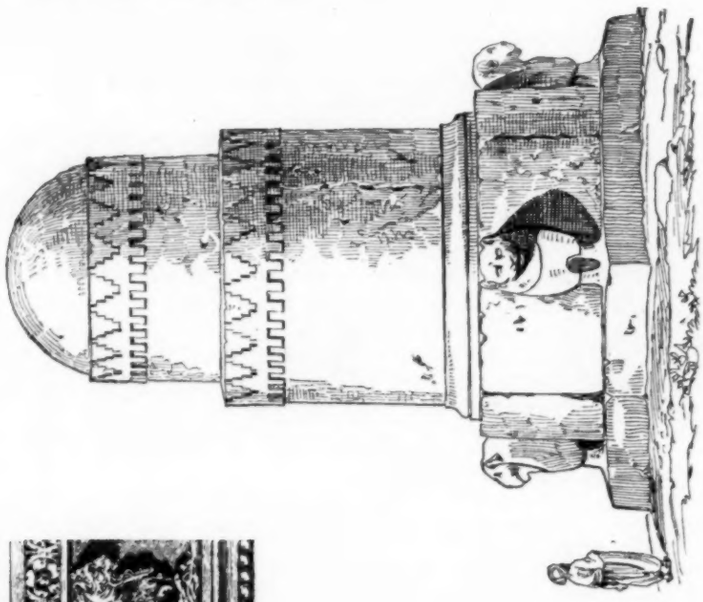

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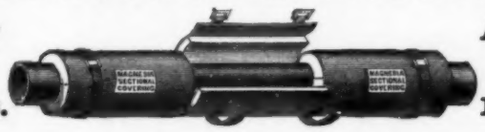

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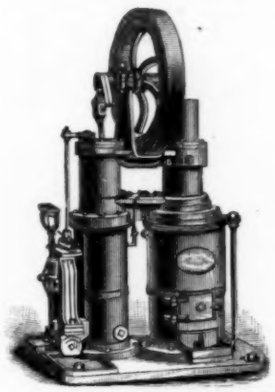

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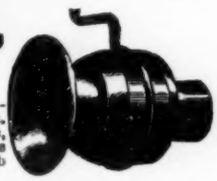

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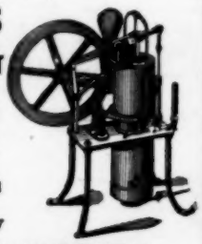

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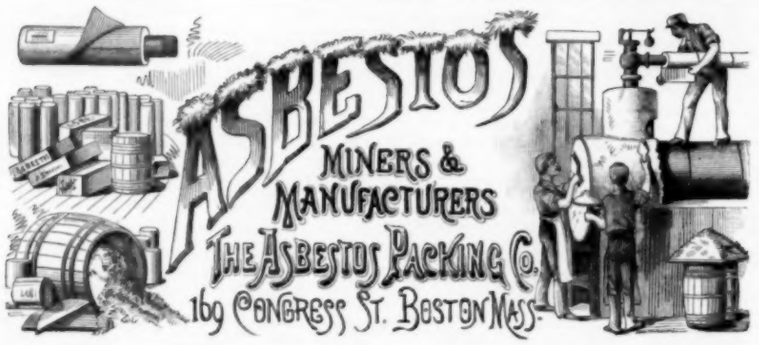

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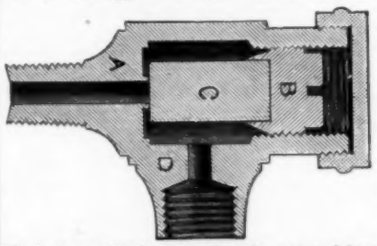

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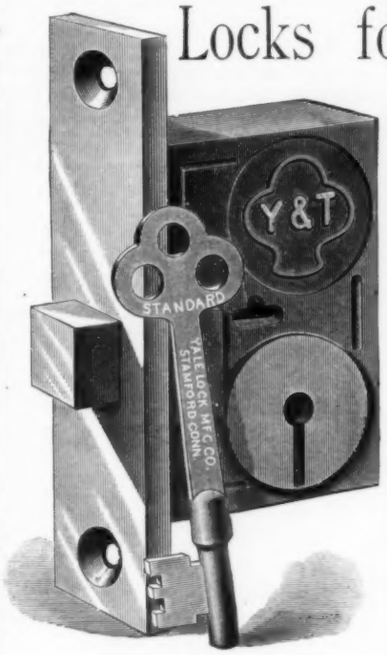

We illustrate our No. 1308 Standard lock which is designed for use on narrow Stiles, such as French windows, cupboards, book-cases, etc. We have locks for almost all positions, having gradually but constantly increased our line to meet the demand of architects and others who were pleased with our work, and desired to have locks of equal quality for special purposes. These locks and all others of our Standard line, have three tumblers, and are therefore really locks, and not merely the semblance of locks.

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Awarded the Grand Prize at the late Paris Exposition.

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IS PUBLISHED EVERY SATURDAY BY

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For the American Architect and Building News Co.

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New Advertisements.

A. S. ALOE & CO. (St. Louis, Mo.), Architects' Materials. Page xix.
C. L. WEBSTER & CO. (New York, N. Y.), Books. Page xvi.
P. M. BRUNER FIREPROOFING CO. (St. Louis, Mo.), A Challenge. Page xvi.

PERSPECTIVE DRAWING.

The *American Architect* Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

WANTED.

POSITION. — Draughtsman wants position in New York; six years' experience; well up on country work and details. Address "C.," care of H. M. Carleton, 21 Park Row, New York. 799

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BUILDING PATENTS.

[*Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.*]

449,133. Building-Tile. — Joseph Pajeau, Chicago, Ill.

449,150. Steam and Hot-Water Generator. — Daniel A. Dickinson, St. Paul, Minn.

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It will pay you to find out by writing to C. L. WEBSTER & CO., 3 E. 14th ST., NEW YORK.

A CHALLENCE.

St. Louis, Mo., April 9, 1891.

To the Editors of the American Architect,
Boston, Mass.

Gentlemen: We read in your paper of March 28th, the article relative to the Nature and Results of Tests of Fireproofing made at Denver, Colorado. We desire, through you, to issue a Challenge for a Competitive Test of our system against any other systems, and if they desire to accept same we shall be glad to confer with them regarding time and place.

Yours Respectfully,
P. M. BRUNER FIREPROOFING CO.,
St. Louis, Mo.

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For making additions and changes upon blue prints. Man'fd by STUPAKOFF & NAEGELEY, cor. Liberty and Ninth St., Pittsburgh, Pa.

See last or next issue for the following advertisements.

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S. J. Pardessus.
J. J. Schillinger.
J. E. Bolles & Co.
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Samson Cordage Works.
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Merchant & Co.
Wm. Powell & Co.
Stebbins Mfg. Co.
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BUILDING PATENTS.

449,151-152. Artificial-Stone Composition. — Louis Enricht, New York, N. Y.

449,160. Lock. — Joseph Kaye, Leeds, England.

449,165. Calipers and Dividers. — Nelson Marsh, Amherst, Mass.

449,169. Pipe Tester, Closer and Clean-Out. — William P. O'Brien, St. Paul, Minn.

449,199. Self-Adjusting Frost-Protector for Ventilating-Pipes. — Thomas C. Boyd, Chicago, Ill.

449,294. Dry-Closet. — Ira J. Ordway, Chicago, Ill.

449,323. Construction of Buildings. — Peter H. Jackson, San Francisco, Cal.

449,347. Hood for Fireplaces. — Leonard E. Clawson, San Francisco, Cal.

449,361. Elevator-Hatchway Operating Mechanism. — David B. Clem, Philadelphia, Pa.

449,366. Spring-Hinge. — Frank N. Kelsey, Florence, Mass.

449,414. Fusible Support for Hatch-Doors, etc. — Charles C. Hine, Newark, N. J.

449,426. Portable Water-Closet. — Arthur J. Niles, Lancaster, N. H.

449,429. Transom-Lifter. — Abraham L. Pennock, Lansdowne, Pa.

449,508. Shutter-Worker. — Charles R. Wells and Benjamin K. Lewis, Lynn, Mass.

449,510. Process of Manufacturing Cement. — George Williams, Winnipeg, Canada.

449,538. Sash-Balance. — Frank P. Johnson, Eyers Grove, Pa.

449,553-554. Building-Front Column. — Frank Mesker, St. Louis, Mo.

449,557. Plumb-Level. — Benjamin A. Mounts, Cairo, Ill.

449,562. Window-Sash. — Lavinia H. McClellan, Bristol, Tenn.

449,611. System of Operating Electric Elevators. — William Baxter, Jr., Baltimore County, Md.

449,618. Door-Check. — John Drees, Little Rock, Ark.

See the first issue of the month for the following advertisements.

Walton Architectural Iron Co.
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R. C. Smith.
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Dubois Mfg. Co.
Philadelphia Blue Print Co.
M. B. Swezey.

BUILDING PATENTS.

449,619. Artificial Stone or Cement. — Louis Enricht, New York, N. Y.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING APRIL 10, 1891.

From Antwerp. — Steamer "*Nederland*," 1,666 barrels Portland cement, J. & W. Seligman & Co.; 1,890 barrels cement, order.

From Glasgow. — Steamer "*State of Pennsylvania*," 33 cases granite, Austin, Baldwin & Co.

From Guantanamo. — Schooner "*Susan P. Thurlow*," 67 pieces mahogany, F. G. Pierra & Co.

From Laguna. — Schooner "*Grace Gower*," 269 logs mahogany, Ward & Huntington; 4,600 feet do., Joseph Mame.

From Liverpool. — Steamer "*Runic*," 206 casks bricks, 5 logs mahogany, 2 do. walnut, order.

From London. — Steamer "*Ludgate Hill*," 500 casks cement, Chas. J. Stevens; 1,500 casks cement, 500 barrels do., 500 casks do., order. Steamer "*Spain*," 1,000 casks cement, Bank of British North America; 1,056 do., E. Thiele; 1,650 do., 450 do., order.

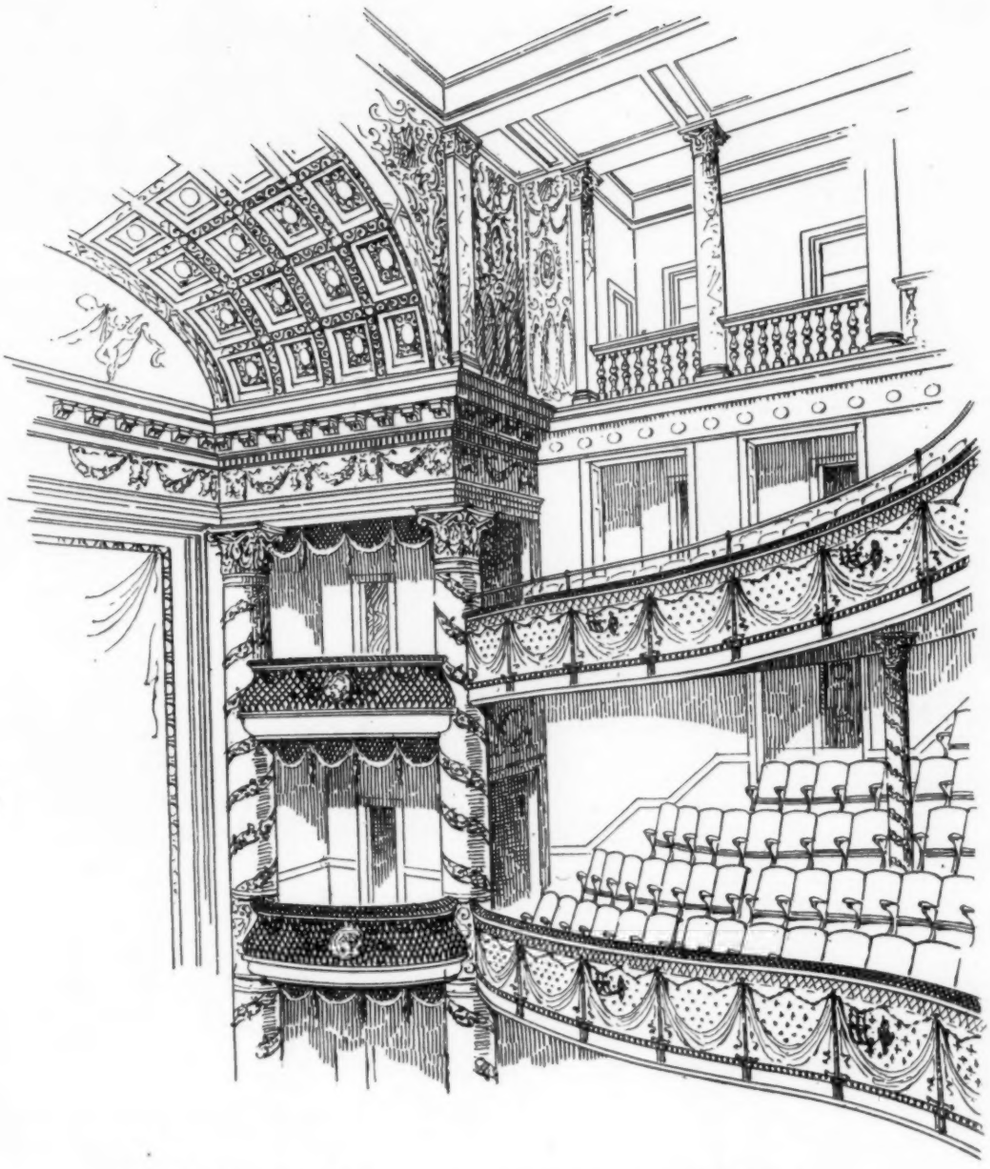
From Marseilles. — Steamer "*Geryovia*," 500 barrels cement, James Brand.

From Nuevitas. — Bark "*Glenorchy*," 634 pieces cedar, 15 do. mahogany, Hutchings Bros. Brig "*Glenorchy*," 634 pieces cedar, 15 do. mahogany, Reynolds Bros. & Co.

From Porto Plata. — Steamer "*Oceano*," 200 pieces mahogany, 128 logs do., J. Sala & Co.

From Santiago. — Schooner "*J. F. Coolidge*," 75 logs mahogany, J. Amsinck & Co.

From Santa Cruz. — Schooner "*Eva Maud*," 960 pieces mahogany, 40 do. cedar, E. W. Adams. Schooner "*Erie*," 150 pieces mahogany, 590 do. cedar, Edwin W. Adams & Co.



INTERIOR VIEW OF THE MADISON SQUARE GARDEN THEATRE.

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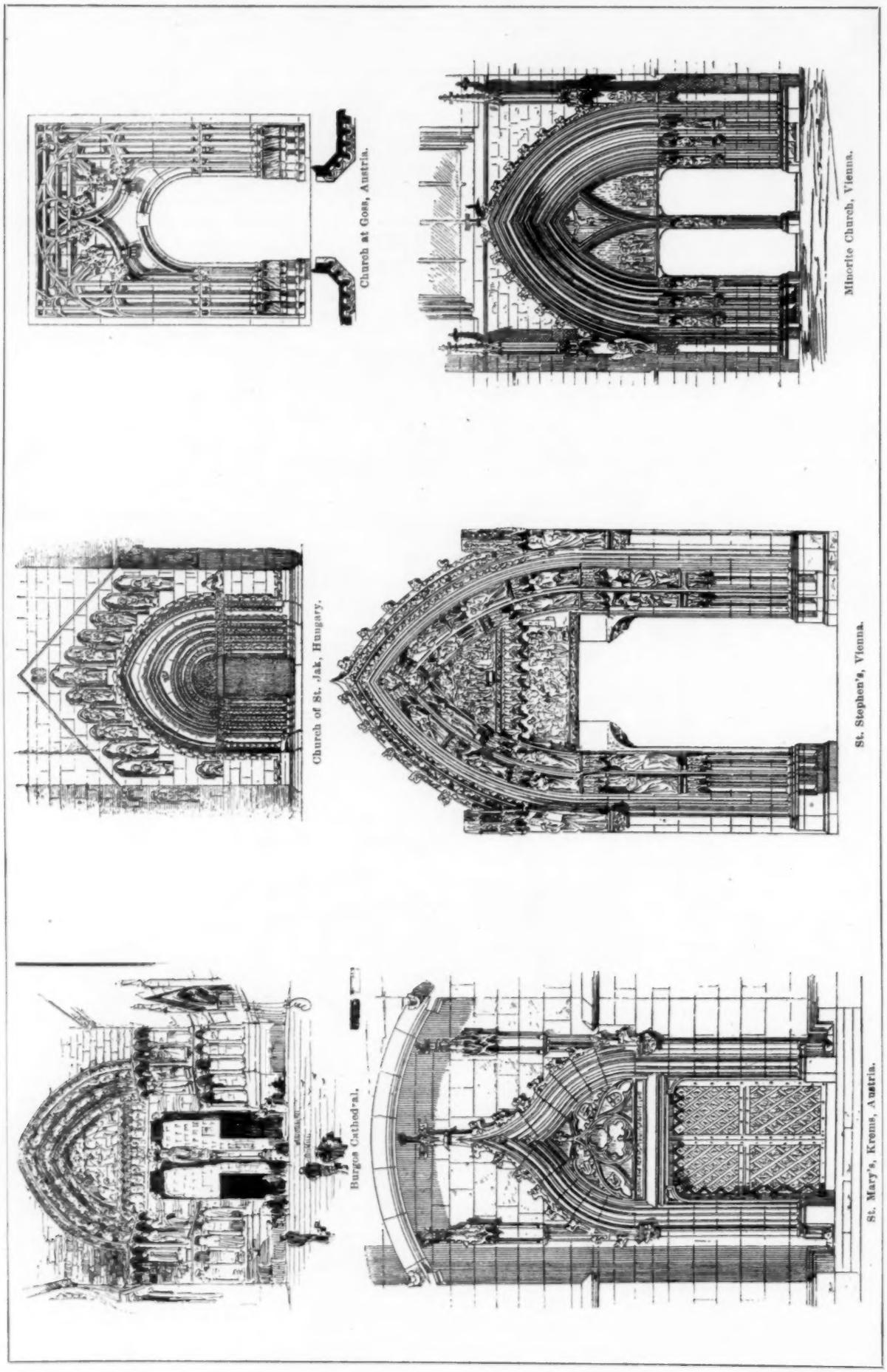

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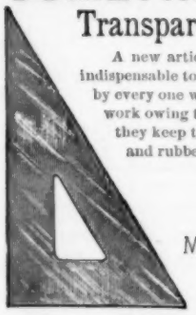

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A new article which has now been in use about one year, and has proven itself absolutely indispensable to Draughtsmen. Its value as a convenience and necessity has been acknowledged by every one who has seen and used these articles. They will allow of more rapid and accurate work owing to their transparency; they do not assimilate dust, they are nearly unbreakable, they keep the'r edges like metal tools; in fact they have every possible advantage over wood and rubber, and it will pay you to give them a trial.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.— *North Oxford St, Nos.* 17-19, two-st'y brick bakery, gravel roof, raised one story and internal alterations made; cost, $3,000; owners, J. A. Dahn & Son, on premises; architect, Carl F. Eisenach, 59 Court St.

Heyward St., Nos. 91 99, one-st'y brick bakery, tin roof, raised one story and internal alterations made; cost, $3,000; owners, Prabst & Schumbaker, Heyward St.; architect, Frank Holmberg, 1161 Broadway.

Fulton St., No. 530, four-st'y brick store, tin roof, two-st'y brick extension, tin roof; cost, $5,000; owners, C. and I. Lockitt, 89 Atlantic Ave.; architect, M. Thomas, 16 Court St.

Atlantic Ave., s e cor. Fifth Ave., four-st'y brick silver-plating factory, gravel roof, four-st'y brick extension, tin roof; cost, $5,000; owners, A. A. Webster & Son, Atlantic and Fifth Aves.; architects, Fowler & Hough, 280 Broadway, New York City.

Seventh Ave., s w cor. Ninth St., three-st'y brick dwell., tin roof, three-st'y brick extension, tin roof; cost, $3,000; owner, John Maxwell, on premises; architect, A. H. Bendall, on premises.

Fulton St., s s, 25′ e Hoyt St., three-st'y frame store, tin roof, one-st'y brick extension, tin roof, and other alterations; cost, $3,000; owner, A. I. Namm, on premises.

Chicago, Ill. — David Jeffrey, three-st'y addition 457 Ogden Ave.; cost, $3,000.

Dennis Marmager, two-st'y addition, 4059 Dearborn St.; cost, $5,000.

E. R. Rogers, one-st'y addition, 12-14 Dearborn St.; cost, $3,000.

Edgar D. Wood, three-st'y addition, 248 Ohio St.; cost, $4,000.

B. F. Philpot, alterations, etc., 1301-03 Michigan Ave.; cost, $15,000.

Dr. Samuel M. William, four-st'y addition, 125 East Eighteenth St.; cost, $6,000.

L. J. McCormick, two-st'y addition, 193-196 Michigan Ave. and 13-15 Van Buren St; cost, $200,000.

George V. Hawkins, one-st'y addition, 1442-48 Michigan Ave.; cost, $3,000.

Armour & Co., one-st'y addition, Forty-third St. and Center Ave.; cost, $7,000.

William J. Jefferson, two-st'y addition, 175 Monroe St.; cost, $8,500.

Detroit, Mich. — St. Mary's Hospital, additions; cost, $5 ,000; architect, Gordon W. Lloyd.

New York, N. Y. — *Mott Ave., No.* 310, three-st'y brick dwell., extension and alterations; cost, $4,000; owner, David Roussian, 310 Mott Ave.; architect, John H. Friend, 148 Alexander Ave.

East Sixteenth St., No. 15, three-st'y brick dwell., one-st'y extension and alterations; cost, $4,000; owner, Nathaniel Niles estate, 155 Broadway; architect, Douglas Smyth, 48 Exchange Pl.

Ninth Ave., No. 383, four-st'y brick dwell., altered internally as a school; cost, $10,000; owner, The R. C. Church of St. Michael, 393 Ninth Ave.; architect, L. J. O'Connor, 132 Ninth Ave.

East One Hundred and Fourteenth St., No. 156, three-st'y brick dwell. repaired where damaged by fire; cost, $34,000, owners, Philip and William Ebling, 828 Cauldwell Ave., and Prospect Ave. and One Hundred and Sixty-third St.; architects, Holmes Bros., 320 Broadway.

Thomas St., Nos. 23-25, *and Worth St., Nos.* 70-72, six-st'y brick and iron store-building, two-st'y extension; cost, $6,000; owners, New York Real Estate Association, 11 West Tenth St.; architect, Richard Berger, 110 Leonard St.

Third Ave., Nos. 889-891, four-st'y brick store, internal alterations; cost, $7,000; owner, estate of Isaac Rosenfield, 65 East Fifty-second St.; architect, G. H. Budlong, 10 West Twenty-fifth St.

Eldridge St., No. 22, three-st'y brick store, extension; cost, $3,500; owner, Adam Wagner, 22 Eldridge St.; architect, John H. Friend, 148 Alexander Ave.

Sixth Ave., n e cor. Twenty-sixth St, six-st'y brick club-house, internal alterations; cost, $5,000; owner, Andrew S. Thorp, 97 Fifth Ave.; architect, Wilbur S. Knowles, 189 Broadway.

Wall St., No. 52, four-st'y office-building, internal alterations; cost, $3,500; owner, National City Bank, 52 Wall St.; architect, O. P. Hatfield, 31 Pine St.

East Tenth St., Nos. 428-432, four-st'y brick factory-building, extensions; cost, $10,000; owner, Wm. F. Young, 153 Rodney St., Brooklyn; architects, Julius Boekell & Son, 54 Bond St.

Philadelphia, Pa. — *South Front St., No.* 845, one-st'y annex; owner, Jos. Rodgers, on premises.

Stiles St., n s, w Tucker St., alteration of stable to dwell.; contractor, Thos. Waters, Melrose St.

Race St., No. 1215, interior alteration; contractors, R. J. Whiteside & Son, 2228 Mt. Vernon St.

Cotton St., No. 234, addition; owner, B. Wienonot.

Pratt St., No. 317, addition; owner, T. Weber.

Roanoke, Va. — Mr. George T. Pearson, architect, 427 Walnut St., Philadelphia, has prepared drawings for a new wing to be built to a hotel.

Rochester, N. Y.— *Clinton St.*, cor. Main St., six-st'y brick addition to Whitcomb House; builder, Chas. Voshall.

Frank St., two-st'y brick and stone addition to Nazareth Convent; cost, $22,000; architect, W. Foster Kelly.

Worcester, Mass. — *Winthrop St.*, three-st'y frame addition; owner and contractor, J. J. McNulty.

APARTMENT-HOUSES.

Boston, Mass.—*Boylston St., Nos.* 998-1012, Ward 11, 4 five-st'y brick apartments, flat roofs, 25′ x 55′; owner, G. W. Nason; builder, J. W. Thompson.

Huntington Ave., Nos. 166-168, Ward 11, 2 four-st'y brick apartments, flat roofs, 27′ x 93′; owner, J. A. Emery; builders, Emery & Stuart.

Dartmouth St., No. 196, Ward 11, five-st'y brick apartment, flat roof, 21′ x 117′; owners, H. R. Merrill, J. A. Walker, F. W. Hunt; builders, Coon & Hall.

Brooklyn, N. Y. — *Tompkins Ave.*, e s, 41′ n Van Buren St., 2 four-st'y brick flats, tin roofs; cost, $10,000 each; owner, R. C. Addy, 582 Greene Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Chicago, Ill.—B. K. Fallgren, three-st'y flats, Sixty-fifth St. and Madison Ave.; cost, $5,000.

A. Valsta, 2 two-st'y flats, 5232-34 Emerald St.; cost, $4,000.

Conrad Dalbroke, three-st'y flats, 476 North Lincoln St.; cost, $5,000.

Dennis J. Quilliman, three-st'y flats, 512 West Erie St.; cost, $6,000.

J. Rose, three-st'y flats, 4308 Wabash Ave.; cost, $6,000.

W. M. Lange, three-st'y flats, 4312 Indiana Ave.; cost, $7,000.

Mrs. M. Dickinson, four-st'y flats, 1166 Milwaukee Ave.; cost, $8,000.

Aug. Psaff, 2 three-st'y flats, 76 Mohawk St.; cost, $7,000.

E. Purlier, three-st'y flats, 4147-49 Lake Ave.; cost, $6,000.

Jacob Weber, two-st'y flats, 4618 Wabash Ave.; cost, $3,800.

John Kadlic, two-st'y flats, 41 Coulter St.; cost, $3,500.

John Sutton, two-st'y flats, 3228 Portland St.; cost, $3,000.

Henry Creigier, three-st'y flats, 141 Warren Ave.; cost, $10,000.

Miss Kate Ryan, three-st'y flats, 402 West Harrison St.; cost, $8,000.

John Zoch, two-st'y flats, 97 Rees St.; cost, $4,500.

E. W. Egrens, three-st'y flats, 682 West Division St.; cost, $4,500.

New York, N. Y. — *West Thirty-eighth St., Nos.* 307-311, 3 five-st'y brick and stone flats; cost, abt. $50,000; owner, C. Stoehr; architect, E. W. Gries.

Rochester, N. Y. — *Lake Ave.*, cor. Glenwood Park, three-st'y brick block of flats and stores; cost, $22,000; architect, Chas. Ellis.

CHURCHES.

Philadelphia, Pa.—Mr. Thomas P. Lonsdale, architect, has completed plans for the New Western Church, but as yet no site has been decided on for its erection.

North St., w Lloyd St., one-st'y chapel; builder, J. F. Johnson.

FACTORIES.

Chicago, Ill. — Karpen Bros., six-st'y factory, 7-13 Park St.; cost, $25,000.

Cincinnati, O. — Thos. Kelsall & Co., two-st'y factory, McLean Ave.; cost, $3,000; architect, C. F. Huss.

Philadelphia, Pa. — *Barker St.*, n s, w Eighteenth St., three-st'y factory; builder, James A. Bradin.

Wylie St., n s, e Nineteenth St., five-st'y factory; builder, W. R. Dougherty.

Somerset St., s s, w Fillmore St., two-st'y factory; owners, John Bromley & Son.

Providence, R. I. — *Richmond St.*, n e cor. Clifford St., six st'y brick factory; owners, Ladd Watch Case Co.; architects, Stone, Carpenter & Willson; builders, W. A. Chapman & Co.

St. Louis, Mo.—Three-st'y brick factory; cost, $5,000; owner, M. Fisher; contractors, Hemminghaus & Vollmer.

HOSPITALS.

New York, N. Y. — *One Hundred and Ninth St.*, s s, bet. First and Second Aves., two-st'y hospital; cost, $32,000; architect, D. T. Atwood.

HOTELS.

Chicago, Ill. — George Barriball, three-st'y hotel, One Hundred and Fifteenth and Harvard Sts.; cost, $3,000.

HOUSES.

Baltimore, Md. — E. M. Auders, 11 two-st'y brick buildings, n e cor. Patuxent and Dillon Sts.

Chas. Milske, 6 two-st'y brick buildings, e s Duncan Alley; and 5 two-st'y brick buildings, w s Collington Ave., n Fayette St.

Boston, Mass. — *Kilsythe Road*, cor. Lanark Road, Ward 25, three-st'y frame dwell., 32′ x 42.6′; owner, G. E. Perrin; builder, W. S. Mitchell.

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BUILDING INTELLIGENCE.

Vose St., near Crest Ave., Ward 24, frame dwell., 22′ x 46′; owner and builder, John Baker.

Welles Ave., No. 60, Ward 24, frame dwell., 26′ x 38′; owner, M. S. Power; builder, J. P. Power.

Moreland St., cor. Homer Pl., Ward 20, three-st'y frame dwell., pitch roof, 30′ x 56′; owner, J. P. Manning; builders, J. H. Burt & Co.

Leicester St., near Surrey St., Ward 25, frame dwell., 26′ x 34′; owner, F. A. W. Wood; builder, B. Wood.

Brent St., near Washington St., Ward 24, frame dwell., 16.6′ x 48′; owner, G. W. Brown; builder, J. T. Chisholm.

Dean Ave., near Harvard Ave., Ward 20, three-st'y frame dwell., pitch roof, 24′ x 55′; owner, Patrick McDermott; builder, C. Boultenhouse.

Hawthorne St., near Sycamore St., Ward 23, two frame dwells., 16.4′ x 32′; owner, Wm. A. Davis.

Centre St., near Boylston St., Ward 23, frame dwell., 32′ x 56.4′; owner, W. H. Spooner; builder, J. M. E. Morrell.

Washburn St., near Dorchester Ave., Ward 15, three-st'y frame dwell., pitch roof, 24′ x 42′; owner, J. H. Toland; builders, J. Landry & Son.

Chestnut Hill Ave., near Brookline, Ward 25, frame dwell., 21′ x 50′; owner, A. G. Everett.

Beech St., cor. Kittredge St., Ward 23, frame dwell., 24.6 x 48′; owner, Otto Gunther; builder, W. Swanson.

Lawrence Ave., near Magnolia St., Ward 24, frame dwells., hip roof, 32.6′ x 47′; owners, D. & W. Jamieson; builder, H. H. Chisholm.

Mansur St., rear, near Walk Hill St., Ward 24, 2 three-st'y frame dwells., hip roofs, 24′ x 40′; owner, H. Bletzer; builder, G. Merz.

Washburn St., near Dorchester Ave., Ward 15,

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BUILDING INTELLIGENCE.

three-st'y frame dwell., 24′ x 42′; owner, M. S. Driscoll; builders, J. Landry & Son.

Talman St., near Eaton Court, Ward 24, two frame dwells., 24.6′ x 34′; owners, D. M. Tobin and D. F. Driscoll; builder, W. J. Hatch.

Centre St., No. 35, Ward 22, frame dwell., 24′ x 56′; owner, M. A. Lathrop; builder, Cyrus Hosmer.

Savin Hill Ave., opp. Wesley Ave., Ward 24 frame dwell., 32′ x 36′; owner, John Tully; builder, W. H. Dunn.

Cooper St., near Moore St., Ward 1, frame dwell., 21′ x 40′; owner, Cornelius P. Lane; builder, D. D. Fish.

Burnett St., near Washington St., Ward 23, frame dwell., gambrel roof, 23′ x 58.6′; owner and builder, T. A. Ross.

Lauriat Ave., near Lyons St., Ward 24, frame dwell., 20′ x 32′; owner, C. C. Maybury; builder, Herman Drake.

Willow St., cor. Weld St., Ward 23, frame dwell., 26.2′ x 48.9′; owner, F. J. Herthel, Jr.; builders, Morrill & Worden.

Weldon St., near Walk Hill St., Ward 23, frame dwell., 28′ x 40′; owner, Mrs. M. Kiggen; builder, F. Riddell.

Tuttle Ave., near Savin Hill Ave., Ward 24, frame dwell., 26′ x 34′; owner, J. Q. Ford; builder, G. W. Hamilton.

Auckland St., near Savin Hill Ave., Ward 24, frame dwell., 28′ x 49.6′; owner, Annie M. Bass; builder, John Bass.

Holborn St., near Warren St., Ward 21, frame dwell., 26.2′ x 33.6′; owner, Peter Graffam; builder, W. J. Griffiths.

Humboldt Ave., cor. Howland St., Ward 21, frame dwell., 25.8′ x 49.4′, owner, George Curtis; builder, C. B. Fogg.

La Grange St., cor. Swallow St., Ward 23, frame dwell., 18′ x 2?′; owners, G. McIntyre and E. J. Merlin; builder, E. J. Merlin.

Helena St., near Lamartine St., Ward 23, frame dwell., 26′ x 52.6′; owner, Catharine Moffit; builder, J. J. Flynn.

Lincoln St., near Dorchester Ave., Ward 24, frame dwell., 25′ x 32′, owner, Jere Scannell; builder, P. F. Haulon.

Wachusett St., cor. Yale St., Ward 23, frame dwell., 33′ x 35′; owner, Patrick Quirk; builders, Sittig Bros.

Lawrence Ave., near Magnolia St., Ward 24, two frame dwells., 27.6′ x 46′; owners, W. & D. Jamieson; builder, Hugh Chisholm.

Spring Park Ave., No. 69, Ward 23, frame dwell., 23′ x 34′; owner, Adam Jordan; builder, J. Luippold.

East Third St., No. 448A, Ward 14, 2 three-st'y frame dwells., flat roofs, 22′ x 41′; owners and builders, Locke & Flint.

Dustin St., near Cambridge St., Ward 25, two frame dwells., 24′ x 37′; owners, F. H. Wyman and C. E. Whitcomb; builder, F. L. Whitcomb.

Avon Pl., No. 39, Ward 22, four-st'y brick dwell., flat roof, 25′ x 49.6′; owner and builder, John Harmon.

Brooklyn, N. Y. — *Decatur St.*, n s, 100′ e Howard Ave., 15 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner and architect, J. Mason Kirby, 500 Bainbridge St.

St. Mark's Ave., n s, 332′ e Rogers Ave., 3 three-st'y brick dwells., tin roofs; cost, $12,000 each; owner, Andrew Miller, 133 Herkimer St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Greene St., n s, 300′ e Manhattan Ave., four-st'y frame dwell., gravel roof; cost, $6 000; owner, Rose Butterbey, 263 First Ave., New York; architect, P. Tillion, 202 Manhattan Ave.

Hendrix St., e s, 100′ n Arlington Ave., 7 two-st'y frame dwells., tin roofs; cost, $15,400; owner, G. M. Forbell, Ward 26; architect, Wm. C. Anderson, 62 Miller Ave.

Fifty-seventh St., n s, 260′ w Fifth Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,200 each; owner and architect, Robert W. Frith, 471 Fourteenth St.

Prospect Pl., s s, 52′ w Buffalo Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, W. L. Beers, 215 Monroe St.; architect, N. A. Taylor, 126 Buffalo Ave.

Hancock St., n s, 250′ e Stuyvesant Ave., 3 two-and-one-half st'y brick dwells., tin roofs; cost, $5,000 each; owner, Charles Isbel, 749 Putnam Ave.; architects, D. Acker & Son, 752 Broadway.

Jefferson Ave., s s, 250′ e Stuyvesant Ave., 3 two-and-one-half-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Charles Isbel, 749 Putnam Ave.; architects, D. Acker & Son, 752 Broadway.

Twentieth St., s s, 300′ e Fourth Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, Carl Thortenson, 204 Twentieth St.; architect, Peter Kragelund, 374 Seventh Ave.

Macon St., s s, 482′ 8″ e Reid Ave., 5 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner, C. H. Roberts, 243 Reid Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Cooper St., n s, 150′ w Bushwick Ave., three-st'y frame dwell., tin roof; cost, $4,800; owner, H. Bossert, Sumner Ave.; architects, D. Acker & Son, 752 Broadway.

Bergen St., s s, 300′ w Underhill Ave., four-st'y brick dwell., tin roof; cost, $7,500; owner, Mrs. B. E. Durkin, 680 St. Marks Ave.; architect, W. H. Wirth, 358 Seventeenth St.

Grove St., s s, 325′ w Central Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, Henry Mock, 897 Broadway; architect, H. Vollweiler, 486 Hart St.

Linden St., n s, 325′ w Central Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, Henry Mock, 897 Broadway; architect, H. Vollweiler, 486 Hart St.

Sixteenth St., n s, 200′ w Eighth Ave., 4 two-st'y brick dwells., tin roofs; cost, $3,000 each; owner, architect and builder, Wm. Wmyerath, 546 Fourth Ave.

Middagh St., s s, 72′ 5″ w Hicks St., four-st'y brick dwell., tin roof; cost, $10,000; owner, Wm. J. Hart, 340 Hicks St.; architect, Chas. Werner, Garfield Building.

Third St., n s, 190′ 10″ e Seventh Ave., 5 three-st'y brick dwells., tin roofs; cost, $6,000 each; owner, architect and builder, E. H. Mowbrey, Garfield Pl., bet. Fifth and Sixth Aves.

Troutman St., n s, 250′ w Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, $4,200; owner, George Rahner, 237 Troutman St.; architect, F. J. Lessing, 91 Ralph Ave.

Schenck Ave., w s, 147′ n Arlington Ave., two-st'y frame dwell., tin roof; cost, $4,000; owner, architect and builder, E. R. Tichenor, 447 Gold St.

Greene Ave., n s, 310′ e Sumner Ave., two-st'y brick dwell., tin roof; cost, $15,000; owner, Wm. F. Shiebler, 171 Monroe St.; architect, M. J. Merrill, 357 Fulton St.

Halsey St., s s, 120′ e Evergreen Ave., 2 two-st'y frame dwells., tin roofs; cost, $10,000; owner, Chas. F. Gastmeyer, 52 Bleecker St.; architect, Frank Holmberg, 1161 Broadway.

Eldert St., n s, 120′ e Evergreen Ave., 2 two-st'y frame dwells., tin roofs; cost, $10,000; owner, Chas. F. Gastmeyer, 52 Bleecker St.; architect, Frank Holmberg, 1161 Broadway.

Ashford St., e s, 350′ n Arlington Ave., two-st'y frame dwell., tin roof; cost, $4,000; owner, Mrs. B. Ruyl, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Dean St., n s, 300′ w New York Ave., 5 three-st'y brick dwells., tin roofs; cost, $6,500 each; owner, J. A. Bliss, 104 McDonough St.; architect, A. E. White, 79½ Third St.

Carroll St., n s, 340′ e Fourth Ave., 2 three-st'y brick dwells., tin roofs; cost, $11,000; owner, Andrew P. Blixt, 684 Degraw St.

Fiftieth St., s s, 100′ w Third Ave., 2 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, Lorenzo Guli, 232 Third Ave.

Cornelia St., s s, 35′ w Evergreen Ave., 7 three-st'y frame dwells., tin roofs; cost, $4,500 each; owner, R. Dreyer, Sea Cliff, L. I.; architect, C. F. Naughton, 90 Cornelia St.

Van Voorhees St., n s, 150′ e Central Ave., two-st'y frame dwell., tin roof; cost, $5,000; owner, J. I. Schereck, 98 Himrod St.; architect, Frank Holmberg, 1161 Broadway.

Debevoise St., s s, 175′ e Graham Ave., four-st'y frame dwell., tin roof; cost, $7,500; owner, Mr. Schulheitz, 14-16 Graham Ave.; architect, Frank Holmberg, 1161 Broadway.

Macon St., n s, 190′ e Lewis Ave., 8 two-and-one-half st'y brick dwells., tin roofs; cost, $6,000 each; owner, G. H. Stevens, 542 Monroe St.; architect, J. S. Stevens, 537 Monroe St.

Decatur St., s s, w Hopkinson Ave., two-st'y brick dwell, tin roof; cost, $4,500; owner, Frank McMahon, 202 McDougal St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Decatur St., s s, 43′ 9″ w Hopkinson Ave., 3 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner, Frank McMahon, 202 McDougal St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Arlington Ave., s w cor. Jerome St., two-st'y frame dwell., shingle roof; cost, $5,000; owner, Fred J. Swift, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Ingraham St., n s, 125′ w Morgan Ave., three-st'y frame dwell., tin roof; cost, $4,800; owner, Joseph Apt, 1128 Willoughby Ave.; architect, Th. Engelhardt, 905 Broadway.

Elton St., e s, 165′ s Fulton Ave., two-st'y frame dwell., tin roof; cost, $3,200; owner, Mrs. May Porkhill, Elton St., near Fulton Ave.; architect, C. Conlon.

Chicago, Ill. — B. F. Mattan, two-st'y dwell., 514 Normal Park Ave.; cost, $5,500.

W. C. Bliss, three cottages, Eighty-third and Spalding Sts.; cost, $5,400.

W. C. Bliss, three cottages, Eighty-third and Eberhardt Sts.; cost, $5,400.

W. C. Bliss, three cottages, Eighty-fourth and Eberhardt Sts.; cost, $5,400.

Dr. Poessel, two-st'y dwell., 412 Hoyne Ave.; cost, $7,000.

A. Johnson, two-st'y dwell., 1839 Wrightwood Ave.; cost, $10,000.

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C. L. Willey, three-st'y dwell., 3656 Michigan Ave.; cost, $8,000.

O. Ludwig, two-st'y dwell., 8117-8119 Elizabeth Ave.; cost, $3,500.

B. F. Peters, two-st'y dwell., Sixty-eighth and School Sts.; cost, $3,850.

J. D. Heck, 2 two-st'y dwells., Ninety-fourth St. and Forest Ave.; cost, $7,000.

J. H. Whitbeck, two-st'y dwell., 4805 Kimbark Ave.; cost, $10,000.

George A. Seaverns, six cottages, 1310-1320 Burchell St.; cost, $5,400.

M. R. Hemily, two-st'y dwell., 1170 West Monroe St.; cost, $4,000.

S. W. Roth, 2 two-st'y dwells., 1039 West Walnut St.; cost, $5,000.

A. C. Buttolph, 2 two-st'y dwell. and barn, 4822 Ellis Ave.; cost, $15,000.

J. Muelier, cottage, 174 Ambrose St.; cost, $3,000.

Mrs. S. Minor, two-st'y dwell., 1555 West Monroe St.; cost, $11,000.

Carl Michael, cottage, One Hundred and Eighteenth St. and Stewart Ave.; cost, $1,600.

John Cromie, two cottages, 6420-6422 Bishop St., cost, $1,500.

Mrs. M. A. O'Connor, cottage, 7138 Emerald Ave.; cost, $1,600.

Michael Collins, cottage, 1409 Lexington St.; cost, $2,000.

Thomas Nowacki, cottage, 947 Thirty-third St.; cost, $1,600.

W. B. White, two-st'y dwell., 4619-4627 Grand Ave.; cost, $50,000.

L. J. Kegebrime, cottage, Iron and Michigan Sts.; cost, $1,000.

L. D. Sullivan, dwell., 610 Seminary Ave.; cost, $2,500.

J. Tully, two-st'y dwell., Garfield and Wright Sts.; cost, $2,000.

Weill & Mahnke, 3 two-st'y dwells., 5641-5645 Peoria St.; cost, $7,500.

Vanderwager & Son, two cottages, One Hundred and Third and Clinton Sts.; cost, $1,400.

W. F. Keys, two-st'y dwell., 721 Sixty-second St.; cost, $2,000.

C. E. Follensbee, 3 three-st'y dwells., 4417 Ellis Ave.; cost, $25,000.

C. Herman, cottage, 3149 Union Ave.; cost, $1,500.

Wolf Goldstein, three-st'y dwell., 208 Fourth Ave.; cost, $10,000.

Mrs. M. Hickey, cottage, 5829 Wright St.; cost, $1,600.

Charles Keil, cottage, Webster Ave. and Clark St.; cost, $1,800.

Thomas Anderley, cottage, 1333 West Fortieth St.; cost, $1,200.

John Pael, cottage, 1217 West Forty-first St.; cost, $1,200.

Charles G. Chapman, two-st'y dwell., 1032 West Jackson St.; cost, $6,000.

August Hinger, cottage, 848 Humbolt Ave.; cost, $1,000.

J. Vogrel, cottage, 3528 Honore St.; cost, $1,400.

Patrick Sullivan, cottage, 948 Thirty-seventh St.; cost, $1,000.

H. Charpier, cottage, 490 North Hoyne St.; cost, cost, $1,800.

Charles Peterson, seven cottages, 166-178 Berlin St.; cost, $4,200.

Mrs. D. Sadler, two-st'y dwell., 1525 Fulton St.; cost, $4,500.

BUILDING INTELLIGENCE.

Louis Lehmann, cottage, 822 Diversey St.; cost, $1,000.

C. Jennehson, cottage, Ninety-third and Rapp Sts.; cost, $1,000.

Thomas T. Croak, cottage, 3657 Leavitt St.; cost, $1,000.

Cincinnati, O.—Capt. G. W. Stone, two-and-and-one-half-st'y dwell., Oak and Burnett Sts.; cost, $2,500; architects, Sam Hannaford & Sons.

Mr. Vogler, six-st'y dwell., Sixth and Main Sts.; cost, $12,000; architect, J. J. Ruckert.

Mrs. Mary Amshe Carter, two-and-one-half-st'y dwell., James St.; cost, $8,000; architect, Geo. W. Rapp.

McNamara & Connor, two-st'y frame dwell., Addiston St.; cost, $3,600; architect, Geo. W. Clark.

John J. Schmitz, owner and architect, six-st'y frame dwell. and store, Kates Pl.; cost, $8,500.

Detroit, Mich.—W. A. Holcomb, three brick dwells., 1115-19 Third Ave.; cost, $12,000.

Thos. M. Cattel, two frame dwells., 314-326 Kirby Ave.; cost, $4,500.

A. C. Varney & Co., frame dwell., 817 Fort St., e; cost, $3,500.

Hess & Raseman, three-st'y brick dwell., 45 Erskine St.; cost, $12,000; also three-st'y brick addition, 45 West Congress St.; cost, $6,000.

A. Corbeille, four frame dwells., 227, 331, 333 337 Lincoln Ave.; cost, $14,000.

Chas. Ward, two frame dwells., 145, 147, etc., Fifteenth St.; cost, $3,500.

Wm. Trick, two frame dwells., 5 and 12 McArthur St.; cost, $3,600.

P. Diedrichs, brick dwell., 224 Montcalm St.; cost, $3,000.

A. Traschewski, brick dwell. and store, 266 Humboldt Ave.; cost, $3,200.

Malcomson & Co., three-st'y brick dwell., 191 Park St.; cost, $6,500.

Hopedale, Mass.—Two-st'y frame dwell.; owner, W. A. Frail; contracts not let; architect, J. B. Woodworth, Worcester, Mass.

New York, N. Y.—*West Fifty-seventh St., No.* 119, four-st'y brick, stone and terra-cotta dwell.; owner, Wm. Luisser; architects, De Lemos & Cordes.

Eighty-seventh St., s s, 100' e Ninth Ave., 6 four-st'y brick and limestone dwells.; cost, $120,000; owners and architects, Charles Buek & Co.

Forty-sixth St., n s, 52' w Sixth Ave., three-st'y brick dwell., tin roof; cost, $5,000; owner, George Mundorf, 815 Sixth Ave.; architect, William Kahles, 111 Broadway.

Wadsworth Ave., w s, from One Hundred and Eighty-seventh to One Hundred and Eighty-eighth Sts., 8 two-and-one-half-st'y brick dwells., peak, slate roofs; cost, $36,000; owner, Luke O'Brien, One Hundred and Forty-third St., near Eighth Ave.; architect, Will A. O'Hea, 330 West One Hundred and Forty-fifth St.

One Hundred and Eighty-first St., n w cor. Kingsbridge Road, two-st'y stone and wood dwell., peak, shingle roof; cost, $7,000; owner, Catharine L. Beekman, 102 East Eighty-first st.; lessee, Rudolph Christ, n w cor. Amsterdam Ave. and One Hundred and Eighty-fifth St.; architect, Charles Sidney, 250 West One Hundred and Twenty-fifth St.

Philadelphia, Pa. — *Clinton St.*, e s, n Louden St., dwell.; builders, Hulet & Drake.

Somerton Pike and Station Road, Somerton, two-st'y dwell.; owner, Harry Stevens.

BUILDING INTELLIGENCE.

Twenty-ninth St., w s, s Dauphin St., three-st'y dwell.; owner, W. F. Albrecht.

Twentieth St., w s, n Delaware Ave., 3 two-st'y dwells.; owner, Geo. W. Thorp.

Bartram St., s s, w Eighty-fifth St., two-st'y dwell.; builder, Henry Ringler.

Market St., s s, w Eighteenth St., three-st'y dwell.; builder, James A. Bradin.

Leverington St., s s, e Ridge Ave., 4 three-st'y dwells.; builder, J. M. Omensetter.

Selig St., cor. Leverington St., 2 three-st'y dwells.; builder, J. M. Omensetter.

Peach St., w s, n Media St., two-st'y dwell.; builder, Thomas Noble.

Brinton St., n s, w Twelfth St., three-st'y dwell.; builders, Ward & Bradley.

Torresdale Ave., e s, n Comly St., 2 three-st'y dwells.; owner, H. P. Castor.

Bridge St., w s, n Richmond St., 2 two-st'y dwells.; owner, A. W. Lynn.

Coral St., e s, n Somerset St., 3 two-st'y dwells.; builders, Dickson Bros.

Edgemont St., w s, s Anthracite St., 3 two-st'y dwells.; owner, John H. McLoughlin.

Merion Ave., s s, w Forty-fifth St., two-st'y dwell.; owner, Benj. Hooven.

Newkirk St., w s, n Lehigh Ave., 4 two-st'y dwells.; owner, J. H. Gordon.

Germantown Ave., w Clearfield St., 18 three-st'y dwells.; builder, E. J. Devlin.

Linden St, w s, s Barton St., two-st'y dwell.; owner, John Ryan.

Sixth St., e s, n Somerset St., two-st'y dwell.; owner, W. E. Lance.

Wildey St., n w cor. Coller St., two-st'y dwell.; builders, James McCauley & Son.

Walker St., e s, s Vankirk St., two-st'y dwell.; owner, H. Gucking.

America St., w s, s Chew St., 2 three-st'y dwells.; owner, Wm. Crowle.

Broad St., e s, s Lindley Ave., three-st'y dwell.; builders, Shultz Bros.

Daily St., s s, e Fourth St., 6 two-st'y dwells.; owner, Daniel Main.

Funk St., w s, s Walker St., two-st'y dwell.; owner, H. Stoop.

Hope St., No. 2820, two-st'y dwell.; owner, David Trumbauer.

Marston St., e and w s, n Montgomery Ave., 62 two-st'y dwells.; owner, Jacob E. Ridgway.

Poplar St., n s, w Fortieth St., 6 two-st'y dwells.; owner, William C. Merritt.

Englefield St., w Fortieth St., 7 two-st'y dwells.; owner, William C. Merritt.

Potter St., w s, s Clearfield St., 9 two-st'y dwells.; owner, John Meighan.

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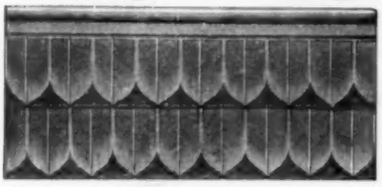

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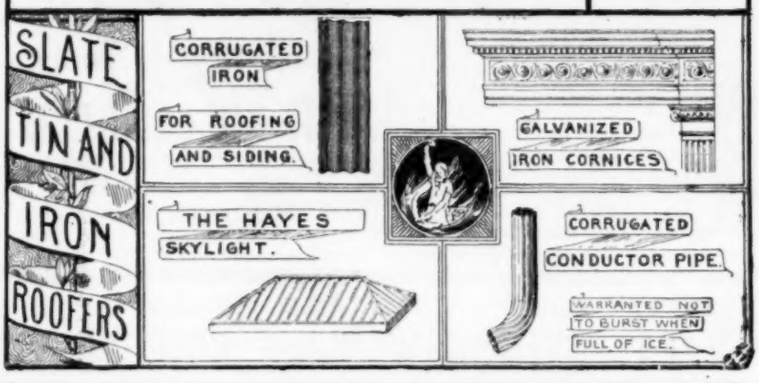

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BUILDING INTELLIGENCE.

Broad St., e s, n Susquehanna Ave., 3 three-st'y dwells.; owner, F. F. Colgan.
Crans Ave., n s, w Ridge St., two-st'y dwell.; owner, Moses Farreck.
Cambria St., n s, e Third St., 4 two-st'y dwells.; owner, Joseph A. Hagen.
Gowan Ave., s s, w Ardleigh St., two-st'y dwell.; owner, John Owens.
Jasper St., e s, n Somerset St., 3 two-st'y dwells.; builder, William Lente.
Helen St, w s, 4 two-st'y dwells.; builder, William Lente.
Second St., w s, s Norris St., 3 three-st'y dwells.; owner, George Doring.
Snyder Ave., No. 614, two-st'y dwell.; builder, Thomas Gibson.
West St., n s, w Medary St., two-st'y dwell.; owner, Patrick Haley.
Funk St., e s, s Cottage St., two-st'y dwell.; owner, J. G. Schultz.
Nineteenth St., w s, s Seigel St., two-st'y dwell.; owner, Peter Schmidt.
Powelton Ave., s s, w Forty-second St., 3 three-st'y dwells.; owner, John G. Ruff.
Forty-second St., w s, s Powelton Ave., 7 two-st'y dwells.; owner, John G. Ruff.
Sixth St., w s, n Cambria St., three-st'y dwell.; owner, Louis Lambrecht.
Watkins St., No. 912, two-st'y dwell.; owner, Thomas Dusbury.
Lawrence St., e s, n Chew St., two-st'y frame dwell.; owner, J. Wenzelberger.
Hale St., w s, n Columbia Ave., three-st'y dwell.; builders, John Kramer & Son.
Ninth St., w s, s Cambria St., 2 three-st'y dwells.; owner, G. W. Ruch.
Almond St., e s, s Fremont St., 3 two-st'y dwells.; owner, John S. Kelly.
Boyer St., e s, s Gowan Ave., three-st'y dwell.; owner, C. R. Kohl.
Howard St., e s, s Montgomery Ave., three-st'y dwell.; owner, William Heckman.
Indiana Ave., n s, w E St., 6 two-st'y dwells.; owners, Brosnahan & Ryan.
Kensington Ave., e s, n Hart Lane, two-st'y dwell.; owner, Sarah Glossop.
Keystone Ave., n St. Vincent St., two-st'y dwell.; owners, Kerran & Whelan.
Ontario St., s s, w Second St., 4 two-st'y dwells.; owner, Patrick Heron.
Parrish St., s s, w Thirty-eighth St., 17 two-st'y dwells.; owner, J. J. Plucker.
Spring and Graydon Sts., 3 three-st'y dwells.; owner, E. S. Carlin.
Cambria St., n s, w Marshall St., 12 two-st'y dwells.; builders, Woeful & Schmunk.
Dupont St., s s, e Ridge Ave., three-st'y dwell.; owner, Isaac Wilkinson.
Preston St., w s, s Mount Vernon St., 3 two-st'y dwells.; owner, Thomas C. Sloan.

BUILDING INTELLIGENCE.

Uber St., w s, s Berks St., 5 two-st'y dwells.; owner, S. B. McDowell.

Providence, R. I.—Two-and-one-half-st'y frame dwell., e s Congdon St., opp. the "Terrace"; cost, $10,000; owner, Barton A. Ballou; built by contract.
Dudley St., s s, near Prairie Ave., two-and-one-half-st'y frame dwell.; cost, $6,000; owners, John O'Brian and wife, architects, Anthony Bros.
Dartmouth Ave., No. 23, two-and-one-half-st'y frame dwell.; cost, $9,000; owner, Michael Dewing; architect, Chas. Philpps.
High St., No. 658, two-st'y dwell., mansard roof; cost, $5,000; owner, L. Vaughn.
Pennsylvania Ave., s s, near Prairie Ave., two-and-one-half-st'y frame dwell.; cost, $3,300; owner, Frank E. Farnham; builders, Fanning & Swan.
Olive St., near Thayer St., two-and-one-half-st'y frame dwell.; cost, $3,500; owners, Patrick O'Connor and wife; builder, Henry W. Goff.
Dabolt St., s s, near Updike St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, P. O. Hooper; builder, Geo. H. Allen.
Wood St., No. 82, two-and-one-half-st'y frame dwell.; cost, $4,000; owners, Hugh McDuff and wife; builder, John Light.

Rochester, N. Y.—*Lake Ave.*, cor. Glenwood Ave., three-st'y brick block; cost, $15,000; architects, Evans & Lewis.

Somerville, Mass.—*Putnam St.*, three frame dwells., two 40′ x 40′ one 25′ x 25′; owner and builder, G. W. Lawson.
Holland St., cor. Thorndike St., frame dwell., 23′ x 29′, with L, 5′ x 16′; owner and builder, Silas L. Cummings.
Hudson St., near Lowell St., frame dwell., 18′ x 26′, with L's, 6′ x 12′, and 6′ x 13′; owners and builders, Farr & Crawford.
Joseph St., frame dwell., 22′ x 26′, with L, 10′ x 16′; owner, John W. Connor; builder, James W. Connor.
Elm St., cor. Jacob St., frame dwell., 24′ x 30′, with L, 14′ x 16′; owner, W. E. Locke; builders, Skelton Bros.
Concord Ave., cor. Hammond St., block of two frame dwells., 44′ x 55′; owner, Homer C. Holt.
Boston St., near Prospect Hill Ave., block of two frame dwells., 46′ x 59′; owner and builder, Charles Callahan.

BUILDING INTELLIGENCE.

Cross St., cor. Fountain Ave., block of two frame dwells., 46′ x 59′; owner and builder, Charles Callahan.
Hudson St., frame dwell., 24′ x 28′; owner, Thos. Kilroy; builder, Alex M. Godfrey.
Hudson St, frame dwell., 24′ x 28′; owner and builder, Alexander M. Godfrey.
Medford St., frame dwell., 22′ x 32′; owner, Edward O'Brien; builder, Peter L. Leroux.
Lowell St., frame dwell., 22′ x 32′; owner, George McKenna; builder, Peter L. Leroux.
Bradley St., frame dwell., 26.6 x 32′; owner and builder, Avard Marshall.
Francesca Ave., frame dwell., 24′ x 32′; owner and builder, Daniel E. Robbins.
Irving St., frame dwell., 22′ x 26′, with L, 18′ x 20′; owners, Frank Tibbetts and Fred H. Bickford; builder, Daniel E. Robbins.

Worcester, Mass.—*Vernon St.*, three-st'y frame dwell.; owner, Nathaniel J. Jones; contractor, Wm. Powers; architect, J. B. Woodworth.
Merrifield St., three-st'y frame dwell.; owner, Mr. Nilson; contractor, C. A. Stone.
Malvern Road, frame dwell., owner, Joseph S. Perry; contractor, Wm. O. Burns.
Ward 7, three-st'y frame dwell.; owner, Chas. E. Dudley; contractor, B. W. Stone.
Ward 7, two-st'y frame dwell.; owner and contractor, C. A. King.
Harlem St., three-st'y frame dwell.; owner, D. Connelly; contractor, J. T. Gallagher.
Esther St., frame dwell.; owner, P. Fay; contractor, C. A. Stone.
Tainter St., three-st'y frame dwell.; owner and contractor, P. Frechette.
Adams Sq., two-st'y frame dwell.; owner, R. L. Golbert; contractor, O. M. Ball; architects, Barker & Nourse.
Esther St., three-st'y frame dwell.; owner, Gustav Anderson; contractor, L. M. Petterson.
Ward St., three-st'y frame dwell.; owner, John Campbell; contractor, J. A. McDermott.
Maxwell St., three-st'y frame dwell.; owner, F. Allen.
Institute Road, two-st'y frame dwell.; owner, Stephen Salisbury; contractor, J. G. Vandreuil; architect, Stephen C. Earle.
Dean St., two-st'y frame dwell.; owner, Stephen

Salisbury; contractor, J. G. Vandreuil; architect, Stephen C. Earle.

OFFICE-BUILDINGS.

Philadelphia, Pa. — *Walnut St.*, three-st'y office-building; builders, George F. Payne & Co.

Grays Ferry Road and Thirty-fifth St., two-st'y office-building; builders, Geo. F. Payne & Co.

Thirty-fourth St., w s, n Spruce on Pennsylvania Railroad, two offices; owners, Pennsylvania Railroad Company.

Chestnut St., No. 1529, one-st'y office; owner, Walter Friday.

Twenty-third St., s w cor. Race St., one-st'y office; owner, W. L. Atkinson.

PUBLIC BUILDINGS.

New York, N. Y. — Messrs. Smyth & Co. were the lowest bidders for the erection of the Harlem Court House; their bid being about $178,000; architects, Thom & Wilson.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-st'y school-house, Sixty-first and Sangamon Sts.; cost, $70,000.

Board of Education, three-st'y school-house, 766-778 West Ohio St.; cost, $70,000.

Philadelphia, Pa. — *Dickinson St.*, s e cor. Trenton Ave., school-house; owner, D. C. Schuler.

Providence, R. I. — *Branch Ave., Luna and Ashton Sts.*, three-st'y brick school-house; cost, $40,000; owners, City of Providence; architects, Hoppin, Read & Hoppin; builders, Thos. B. Ross and Wm. Gilbane & Bros.

Pond St., n s, bet. Summer and High Sts., three-st'y brick school-house; cost, $55,000; owners, City of Providence; architect, Fred E. Field; builders, Wm. Gilbane & Bros. and Thomas B. Ross & Son.

STABLES.

Brooklyn, N. Y.—*North Fourth St.*, n s, 175′ e Wyeth Ave., two-st'y frame stable, tin roof; cost, $3,000; owners, Wollimer & Blumenthal, North Fourth St.; architect, Frank Holmberg, 1161 Broadway.

Chicago, Ill. — M. M. Dunne, two-st'y barn, 4245 Grand Boulevard; cost, $1,800.

William Purcell, three-st'y barn and flats, 22-24 Wesson St.; cost, $14,000.

George F. Kimball, two-st'y barn, 3341 Michigan Ave.; cost, $4,000.

T. W. Cole, two-st'y barn, 1331-1333 Wabash Ave.; cost, $1,100.

William Harler, two-st'y barn, 967 Sawyer Ave.; cost, $1,500.

New York, N. Y. — *East Ninth St., No.* 228, five-st'y brick stable, tin roof; cost, $15,000; owner, Morris Birns, 228 East Ninth St.; architect, Franklin Baylies, 51 and 52 Bible House.

One Hundred and Thirty-first St., No. 622, three-st'y brick stable, composition roof; cost, $9,000; owner, George Grossman, 622 West One Hundred and Thirty-first St.; architect, Carl A. Millner, Jr., 715 East One Hundred and Forty-fifth St.

West One Hundred and Thirty-third St., 125′ w Eighth Ave., three-st'y brick stable, tin roof; cost, $9,000; owner, Margaretha Bauer, 2519 Eighth Ave.; architect, James S. Post, 324 West One Hundred and Forty-fifth St.

Philadelphia, Pa. — *Harrison St.*, n s, e Mulberry St., one-st'y stable; owner, Samuel R. Eckert.

Foulkrod St., n s, e Cherry St., two-st'y stable; owner, R. B. Winter.

Paul St., e s, n Unity St., one-st'y stable; builder, William G. Davis.

Waterloo St., No. 2639, one-st'y stable and alterations; owner, Wm. M. Willoughby.

Peach St., s s, e Plum St., one-st'y stable; owner, Morris Worrell of Tacony.

Philip St., e s, s Norris St., two-st'y stable; builders, Stewart Bros.

Grays Ave., s s, w Seventy-second St., one-st'y stable; owner, C. E. B. Fryer.

Clearfield St., Nos. 2075-77, e s, two-st'y stable; builders, Hoffman & Rihl.

Dakota St., s s, e Ridge Ave., one-st'y stable; owner, E. S. Mercer.

Forty-first St., n e cor. Cantrell St., two-st'y stable; owner, E. F. Fonder.

Broad St., e s, s Tioga St., two-st'y stable; owner, Charles Tetlow.

Courtland St., n s, e Second St., two-st'y stable; owner, E. K. Welch.

Dillmore St., w s, n Snyder Ave., one-st'y stable; owner, F. A. Robinson.

Venango St., s s, w Kensington Ave., two-st'y stable; owner, W. Thomas.

Hutchinson St., e s, s Cambria St., two-st'y stable; owner, G. W. Ruch.

Indiana Ave., s s, e Hartwell St., two-st'y stable; owner, David Mahumey.

Lackawanna St., e s, n Gillingham St., two-st'y stable; owner, E. Taylor, Swope.

Wood and Grape Sts., two-st'y stable; owner, T. P. Macken.

Linden St., s s, e Lackawanna St., one-st'y stable; owner, Samuel R. Eckert.

North Sixteenth St., No. 3548, one-st'y stable; owner, F. G. Walton.

Germantown Ave., w s, n Coulter St., two-st'y stable; owners, McLaughlin & Co.

Harvey St., n s, w Germantown Ave., two-st'y stable; owner, Samuel Loughery.

Somerville, Mass.—*Quincy St., No.* 24, frame stable, 24′ x 30′; owner, H. A. Spaulding; builder, C. C. Spaulding.

Worcester, Mass.—*Hooper St.*, one-st'y frame stable; owner, J. Bjorkman; builder, L. M. Petterson.

STORES.

Boston, Mass. — *Washington St., Nos.* 992-998, cor. Lovering Pl., Ward 16, six-st'y brick store, flat roof, 61.4′ x 67.8′; owner, J. S. Grace; builders, M. S. & G. N. Miller.

South St., Nos. 184-200, *and Cove St., Nos.* 71-83, Ward 12, six-st'y brick store, flat roof, 80′ x 126′; owner, C. E. Cotting, attorney; builder, I. G. Hersey.

Brooklyn, N. Y. — *Watkins St.*, w s, 177′ s Eastern Parkway, two-st'y frame store and dwell., tin roof; cost, $3,000; owner, Ada Parmer, 1192 Broadway.

Fourth Ave., s e cor. Forty-fifth St., three-st'y brick store and dwell., tin roof.; cost, $6,000; owner, Michael Kennedy, Nyack, N. Y.; architects, Spicer & Sons, Third Ave. and Fifty-third St.

Greenpoint Ave., n s, 175′ w Franklin St., four-st'y brick store and dwell., cement and gravel roofs; cost, $8,000; owner and architect, Hugh Roberts, 113 Kent St.

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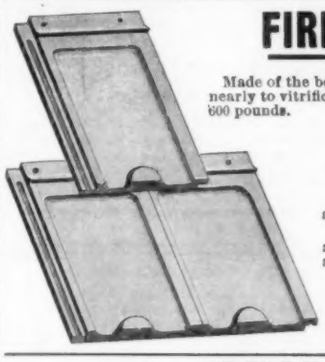

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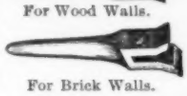

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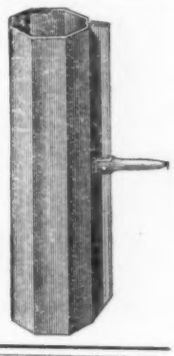

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BUILDING INTELLIGENCE.

Franklin Ave., s w cor. Lexington Ave., four-st'y brick store and dwell., tin roofs; cost, $12,000; owner, Charles J. Reynolds, 680 Halsey St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Richard St., e s, 25′ s Dikeman St., three-st'y frame store and dwell., tin roof; cost, $3,000; owner, James Rogan, 101 William St.; architect, J. L. Quesenbury, 1168 Fourth St.

Van Pelt St., n w cor. North Henry St., 4 four-st'y brick stores and dwells., tin roofs; total cost, $36,000; owner, E. A. Kroenke, 32 Russell St.; architect, Bruno W. Berger, 80 Bible House, New York.

Broadway, w s, 38′ n Putnam Ave., 2 four-st'y brick stores and dwells., tin roofs; cost, $30,000; owners, architects and builders, Moores & Le Quesne, 1460 Broadway.

Chicago, Ill. — Joseph Krakowski, two-st'y store and flats, 4858 Lincoln St.; cost, $4,000.

Mrs. E. Barrett, two-st'y store and flats, 1285 Van Buren St.; cost, $4,000.

M. Espert, 3 four-st'y stores, 284-288 Twenty-ninth St.; cost, $15,000.

W. S. Harbert, 3 one-st'y stores, 3400-3404 Halsted St.; cost, $2,500.

E. B. Palmer, two-st'y store and dwell., 894 Basil St.; cost, $1,800.

John F. Fitzgerald, two-st'y store and flats, 820 Thirty-seventh St.; cost, $3,000.

Fred Winger, three-st'y store and flats, 130 Newberry Ave.; cost, $11,700.

Meyer & Hardish, 2 two-st'y stores and flats, 985-987 Thirty-first St.; cost, $7,000.

Annie Damery, two-st'y store and flats, Seventy-fifth and Shell Sts.; cost, $3,200.

Mrs. Anna R. Pasheck, four-st'y store and flats, 223 Evanston Ave.; cost, $10,000.

H. Traurp, four-st'y store and flats, 289 West Division St.; cost, $9,000.

Jacob Evarts, four-st'y store and flats, 2839 Fifth Ave.; cost, $5,000.

H. Hansom, two-st'y store and flats, 720 Maplewood Ave.; cost, $4,200.

W. C. Parker, seven-st'y store and flats, 169-177 Fortieth St.; cost, $250,000.

J. Kuchowski, three-st'y store and flats, 136 Blackhawk St.; cost, $10,000.

Fred Krough, three-st'y store and flats, 664 West Erie St.; cost, $8,500.

B. Erickson, three-st'y store and flats, 4960 School St.; cost, $8,000.

J. Konvalmki, three-st'y store and flats, 773 West Eighteenth St.; cost, $5,000.

Detroit, Mich.—S. T. Tolsma, three-st'y brick store, 50-52 State St.; cost, $5,000.

Van Leyen & Hacket, three-st'y brick store and dwell., 420 Grand River Ave.; cost, $4,300.

C. Keller, frame store and dwell., 974 Champlain St.; cost, $4,000.

New York, N. Y. — *Southern Boulevard*, s s, 27′ 6″ e Third Ave., one-st'y brick store, tin roof; cost, $5,000; owner, Bryan Lawrence, 72 East Seventy-second St.; architect, M. Garvin, 3311 Third Ave.

BUILDING INTELLIGENCE.

Philadelphia, Pa.—*South Fourth St., No.* 1507, two-st'y store; builders, Savidge & Watt.

Ridge and Park Aves., one-st'y store; owner, Henry C. Parker.

Twentieth St., n w cor. Mifflin St., three-st'y store and dwell.; owner, William Dooley.

Frankford Ave., e s, s Ann St., 12 three-st'y stores and houses; builder, C. C. Moore.

Lancaster Ave., No. 4235, two-st'y store and dwell.; builders, James W. Saunders & Son.

Eleventh St., w s, s Arch St., four-st'y store; builders, Rush J. Whitesides & Sons.

Somerset St., s e cor. Chatham St., three-st'y store and dwell.; builders, Melody & Keating.

Providence, R. I. — *High St.*, s s, bet. Summer and Stewart Sts., three-st'y brick store; cost, $20,000.

TENEMENT-HOUSES.

Boston, Mass. — *Billerica St., No.* 65, Ward 8, four-st'y brick tenements, flat roof, 20′ x 25′; owner, W. Lynch; builder, John Kelly.

Dorchester Ave., Nos. 614-616, Ward 15, 2 three-st'y frame tenements, flat roofs, 18.6′ x 62′; owner, Nancy J. Grose.

New York, N. Y. — *East Thirty-eighth St., No.* 311, five-st'y brick tenement, tin roof; cost, $14,000; owner, Christian Stoher, 710 Second Ave.; architect, Ernest W. Greis, 36 Union Square.

Goerck St., w s, 23′ n Rivington St., 9 five-st'y brick tenements, gravel roof; cost, $121,500; owner, John Karr, n w cor. Lexington Ave. and Eighty-second St.; architect, Joseph Richardson, 57 Broadway.

Somerville, Mass. — *Sumner St.*, near Putnam St., frame tenements and two stores, 44′ x 60′; owner and builder, George F. Wilson.

Sherman St. and Frost Ave., three-st'y frame tenement, 24′ x 40′; owner, Thomas Cotter; builder, John Fenton.

WAREHOUSES.

Baltimore, Md. — Robert Taylor Estate, five-st'y warehouse, n s German St., w Charles St.

Jos. H. Rieman, six-st'y warehouse, n w cor. Paca and German Sts.

Brooklyn, N. Y. — *Lexington Ave.*, 113′ s e Grand Ave., four-st'y brick furniture storage warehouse, gravel roof; cost, $4,600; owner, Joseph J. Kirby, 73 Gates Ave.; architect, Arthur T. Vaulk, 327 Grand Ave.

Chicago, Ill. — William Flett, four-st'y warehouse, 56-60 Madison St.; cost, $7,500.

Kelly, Mans and Co., six-st'y brick warehouse, Randolph and West Water Sts.; cost, $80,000.

August Schadz, four-st'y warehouse, 175 Randolph St.; cost, $4,500.

Peter O'Conner, two-st'y warehouse, foot Michigan St.; cost, $4,000.

New York, N. Y. — *Wooster St., Nos.* 115-121, six-st'y brick, stone and iron warehouse and store; cost, $125,000; owners, estate of Henry Brunner; architect, Richard Berger.

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BUILDING INTELLIGENCE.

MISCELLANEOUS.

Boston, Mass.—*Conant St.*, Ward 22, four-st'y brick brewery, flat roof, 39.4′ x 61′; owner, C. A. King; builder, Augustus Lothrup.

Washington St., No. 3087, Ward 23, two-st'y brick engine-house, flat roof, 28.6′ x 83′; owners, City of Boston; builders, Sampson, Clark & Co.

Washington St., No. 646, *and Hersey Pl.*, Ward 10, six-st'y brick mercantile building, 58′ x 150′; owner, J. A. Pray, *et als.*; builders, Woodbury & Leighton.

Brooklyn, N. Y.—*Ash St.*, s s, 125′ w Oakland St., four and five-st'y brick chemical works, gravel or iron roof; cost, $35,000; owners, architects and builders, Church & Co., 36 Ash St.

North Ninth St., s s, 125′ w Kent Ave., two-st'y frame coal-pocket and approach, tin roof; cost, $45,000; owner, L. M. Palmer, 206 Clinton Ave.; architect, T. H. Grant, Jersey City.

Bogart St., e s, 50′ s, Meadow St., two-st'y brick boiler house, tin roof; cost, $16,000; owner, H. Beran, Himrod St.; architect, Frank Holmberg, 1161 Broadway.

Bogart St., w s, 79′ 6″ s Seigel St., four-st'y frame fur dressing shop, tin roof; cost, $3,500; owner, Fred Mosch, 92 Seigel St.; architect, Th. Engelhardt, 905 Broadway.

Fortieth St., s s, 270′ w Third Ave., three-st'y brick blacksmith shop, tin roof; cost, $3,000; owner, Harry A. Hanbury, Forty-seventh St., bet. Third and Fourth Aves.; architects, Spicer & Son, Third Ave. and Fifty-third St.

Thirty-second St., s s, 100′ e Third Ave., three-st'y brick engine shop, tin roof; owner, G. Molinari, 153 Elizabeth St., New York; architects, Spicer & Son, Third Ave. and Fifty-third St.

Fifty-second St., s e cor. First Ave., one-st'y frame car house, gravel roof; cost, abt. $25,000; owners, Brooklyn City Railroad Co., 10 Fulton St.; architect, F. S. Pearson, 8 Oliver St., Boston.

Chicago, Ill.—Bohemian Brewing Co., brewery, 634-700 Blue Island Ave.; cost, $60,000.

Detroit, Mich.—John Scott & Co., five-st'y brick manufactory, 1147-61 Fort St., w; cost, $80,000.

J. B. Ford & Co., new buildings for soda ash plant, Wyandotte, Mich.; cost, $40,000; architect, Gordon W. Lloyd.

Middlesborough, Ky.—The erection of an opera-house to cost about $175,000 is contemplated.

New York, N. Y.—*One Hundred and Fifth St.*, n s, 100′ w First Ave., one-st'y brick workshop, tin roof; cost, $3,000; owner, Wilhelmine Dietz, 2005 First Ave.; architect, Edward Wenz, 1491 Third Ave.

East One Hundred and Thirty-seventh St., n s, near the River, two-st'y brick and iron shop; cost, $70,000; owners, De La Vergne Refrigerating Machine Co.; architects, Weber & Drosser.

Providence, R. I.—*Westminster St.*, n e cor. Mathewson St., five-st'y brick and terra-cotta building for business purposes; owner, L. A. Tillinghast & Co.; architects, Stone, Carpenter & Willson; builders, Darling Bros.

Mathewson and Clemence Sts., four-st'y brick building for business purposes; owner, L. A. Tillinghast & Co.; architects, Stone, Carpenter & Willson; builders, Darling Bros.

Westminster St., cor. Dorrance St., four-st'y brick building for business purposes; leased by Wm. H. Low Est. Co.; architects, Cady & Stapleton; builders, N. B. Horton & Son.

Philadelphia, Pa.—*Eighteenth St.*, w s, s Market St., 5 three-st'y offices and building; builder, James A. Bradin.

North Fifteenth St., No. 4240, brick building; builder, W. J. Speiman.

Woodland Ave., w Sixty-third St., one-st'y shed; builder, Charles Conlon.

Hamilton St., n s, e Twenty-third St., dye-house; owner, Wm. L. Atkinson.

East Girard Ave., No. 603, new front; owner, Charles Kriger.

Twenty-first St., e s, s Nicholas St., wagon-way and office; owner, E. M. Nunevillar.

Philadelphia St., No. 2324, two-st'y shop; owner, Samuel Denny.

Thurlow St., No. 1130, two-st'y shop; owner, Lawrence Doyle.

North Tenth St., No. 1719, one-st'y coloring house; owner, John M. Fenlin.

Second St., e s, s Venango St., storehouse; owner, S. B. McDowell.

Thirty-fourth St., n w cor. Spruce St., three-st'y nurses' home; builders, Geo. Watson & Son.

It is rumored about town that Wm. G. Warden contemplates the erection of a handsome apartment-house at the cor. Queen Lane and Wissahickon Ave., Germantown, Pa. This report could not be verified, but it was learned that Mr. Warden proposes to build several large and attractive cottages in that neighborhood during the summer, as well as a number of small houses. It has been but a few months since Mr. Warden purchased several very large tracts of land in and about Germantown, upon which it is now understood these improvements are to be made.

Walnut and Nineteenth Sts., the drawings for the parochial building to be attached to Holy Trinity Protestant Episcopal Church have been prepared by architects G. W. and W. D. Hewitt, of the Bullitt Building. The new building will be four stories high, of brick and stone, and will include a study for the rector, gymnasium, Sunday-school room, with apartments for the societies connected with the church.

Filbert St., n s, w Sixth St., one-st'y shop; builder, J. R. Garber.

Twenty-eighth St., s w cor. York St., one-st'y building; owner, W. T. Foulkrod.

Woodland Ave., n s, e Island Road, one-st'y shop and addition; owner, P. L. Hill.

Merion and Belmont Aves., two-st'y shop; owner, C. F. Cloud.

Wister St., n s, e Philadelphia & Reading R. R., building; owner, J. Howard Bromley.

Rochester, N. Y.—*Jay St.*, three-st'y convent building, mansard roof; cost, $15,000; architect, W. Foster Kelly.

St. Louis, Mo.—One-st'y brick boiler-house; cost, $3,000; owners, A. Griesedieck Art. Ice Co.; contractor, H. R. Becker.

Two-st'y brick laundry; cost, $8,000; owner, D. S. Parrish; contractor, B. Stottemeyer.

One-st'y brick wash-house; cost, $8,000, owners, St. L. Bwg. Assn.; contractors, Wm. Riewe & Son.

Wheeling, W. Va.—Depot for the Pittsburgh, Wheeling and Kentucky Railroad to cost about $20,000 is contemplated.

Wilmington, N. C.—Court-house to cost about $50,000 is contemplated.

Worcester, Mass.—*Union St.*, three-st'y brick shop; owner and contractor, I. N. Keyes.

PROPOSALS.

April 4, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 28th day of April, 1891, for all the labor and materials, and putting in place complete, one hydraulic passenger and two hydraulic freight-elevators, including cylinders, pumps, pressure and discharge tanks, piping, cars, platforms, etc., in the United States Appraiser's stores building at Chicago, Ill., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Chicago, Ill. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for One Hydraulic Passenger and Two Hydraulic Freight-elevators for the United States Appraiser's Stores building at Chicago, Ill.," and addressed to JAS. H. WINDRIM, Supervising Architect. 799

April 3, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 1st day of May, 1891, for furnishing all the labor and materials required to put in place complete the system of plumbing for the United States Court-house, Post-office, etc., building at Clarksburgh, W. Va., including the finishing of the four rooms in attic, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Clarksburgh, W. Va. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in envelopes sealed and marked "Proposal for the Completion of Plumbing, Attic Rooms, etc., for the United States Court-house and Post-office, etc., building at Clarksburgh, W. Va.," and addressed to JAS. H. WINDRIM, Supervising Architect. 799

BUILDING INTELLIGENCE.

Hamilton St.

Section.	Length in feet.	Size in inches.	Average depth cutting in feet.
6	2948	26 x 39 / 108 double	24
7	2380	26 x 39 / 22 x 33 / 100 double	18
9	2937	18 x 80 / 27 / 70 / 52 double	20
	760	46 x 69	19
	760	44 x 66	15
	1030	40 x 60	15
	990	38 x 57	19
	760	36 x 54	19.5
	450	30 x 45	20
Dexter St.	1390	66	18.5
	495	62	17
	615	56	16.5
	685	28 x 42	15.5
	685	26 x 39	15.0
Humboldt Av.	1400	62	6.0
	1400	48	13
	300	15	12.25
	900	12	12

Plans may be seen and specifications and form of contract can be obtained at the office of the City Engineer in Providence, R. I.

Each bidder is requested to give reference as to his business standing, and to state generally what experience he has had in such work as here proposed.

No bid will be considered unless accompanied by a certified check for the sum of one thousand dollars.

A satisfactory bond for a sum equal to about one-fifth of the estimated amount of the contract, conditioned upon the faithful performance of the contract, will be required of the successful bidder.

The right to reject any or all proposals is reserved.

ROBERT E. SMITH,
801 Commissioner of Public Works.

April 11, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of May, 1891, for all the labor and materials required for the stone, brick, iron work, etc., for the superstructure of the United States Post-office building at Scranton, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Scranton, Pa. Each bid must be accompanied by a certified check for $500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Stone, Brick, Iron Work, etc., for the Superstructure of the United States Post-office, etc., building at Scranton, Pa.," and addressed to H. C. McLEAN, Acting Supervising Architect. 800

PROPOSALS.

IMPROVED SEWERAGE SYSTEM.

[At Providence, R. I.]

Department of Public Works,
Providence, R. I., April 11, 1891.

Sealed proposals will be received at this office **until 12 o'clock, noon, Thursday, May 7, 1891,** for building Sections 6, 7 and 9; also the sewers in Hamilton, Irving and Melrose Streets from Public Street to Bartlett Street; in Dexter Street from Cranston Street to Potter's Avenue; in Humboldt Avenue from a point 120 feet east of Taber Avenue to Wayland Avenue; in Wayland Avenue from Humboldt Avenue to a point about 200 feet south of Irving Avenue; thence easterly through land deeded to the city of Providence for highway purposes to Butler Avenue; thence easterly through Blackstone Park to the Seekonk River, in accordance with the forms of contract and specification to be furnished by the Commissioner of Public Works.

All proposals must be made upon the blank forms which will be furnished for that purpose.

The work is approximately indicated as follows:

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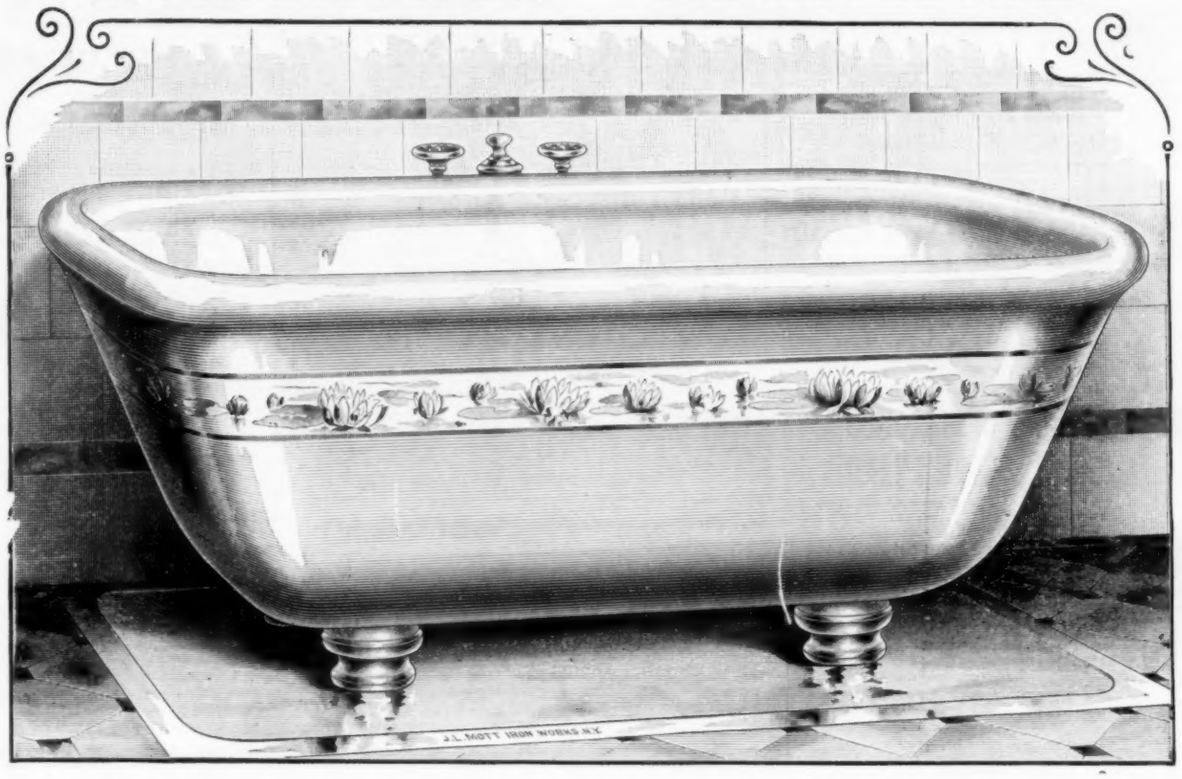

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Asphalt Roofing.
Warren Chemical & M'f'g Co., New York.

Basin Cocks.
Stebbins Mfg. Co., Brightwood, Mass. cow
H. A. Williams Mfg. Co., Boston, Mass. (mon)

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Baltimore Blind & Awning Co., Baltimore, Md.

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Babcock & Wilcox Co., New York.
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Gorton & Lidgerwood Co., New York. (cow)
Nason Mfg. Co., New York, N. Y.
Randolph & Clowes, Waterbury, Conn.

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Wm. T. Comstock, New York.
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Bureau Bros., Philadelphia, Pa. (mon)

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J. Bardsley, New York, N. Y.

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F. Weber & Co., Philadelphia.

Dumb Waiter.
M. B. Swezey, Chicago, Ill. (mon)

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Crane Elevator Co., Chicago Ill.
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Volney W. Mason & Co., Providence, R. I.
Moore & Wyman, Boston.
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Rider Engine Co., New York.

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Jas. J. Read. Boston. (mon)

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Smith & Anthony Stove Co., Boston.

Heating-Apparatus (Steam).
Geo. A. Barnard, New York. (mon)
Blake & Williams, New York.
Detroit Heating and Lighting Co. Detroit, Mich.
Huyett & Smith Mfg. Co., Detroit, Mich.
Johnson & Morris, New York.
New York Central Iron Works Co., Geneva, N. Y.
Page Steam-heating Co., Norwich, Conn.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
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Heliotype Printing Co., Boston.

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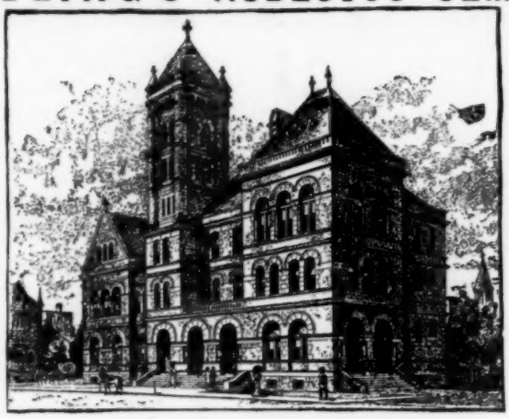

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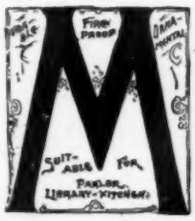

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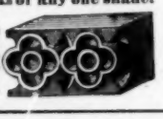

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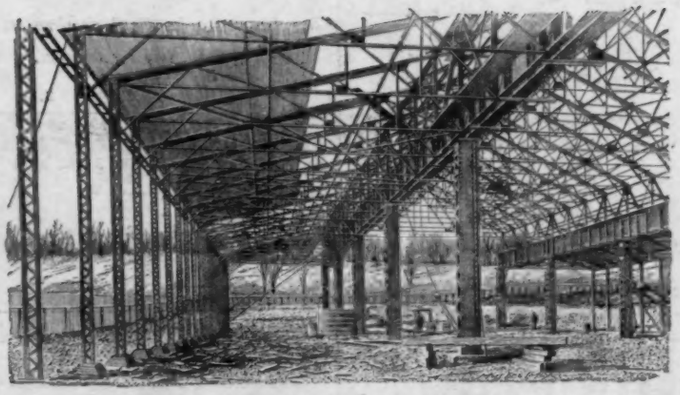

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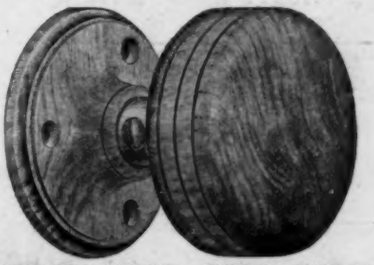

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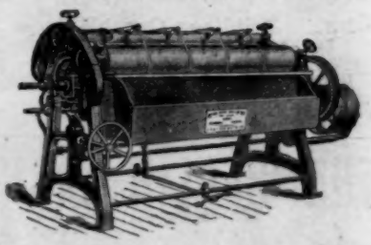

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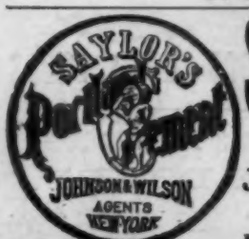

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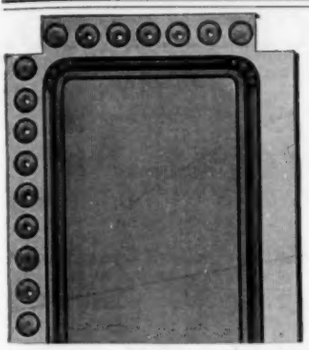

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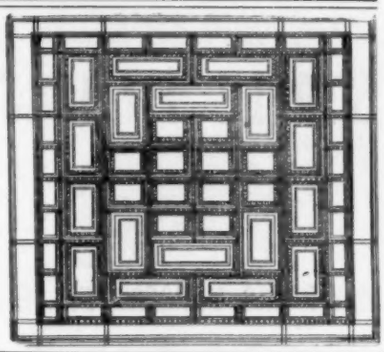

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Clapboards:				
Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	25 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	14 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 00 @ 2 15	2 25 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	{30" $35 @ 40 / 24" 8 @ 21}
Cedar split ₱ M.	@	@	*Not sold.*	{20" 35 @ 14}
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*)				
Ash (*Kiln-dried.*)	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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Pale	2 50 @ 2 75	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 50 @ 5 50	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	{ @ 85
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Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
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Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbe)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)		@ 60		55 @ 65
Granite: (*Maine*)				
Limestone:				75 @ 90
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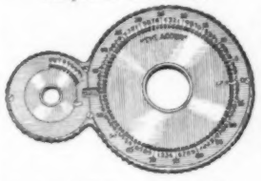

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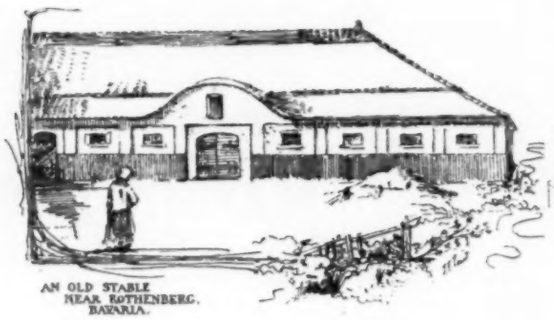

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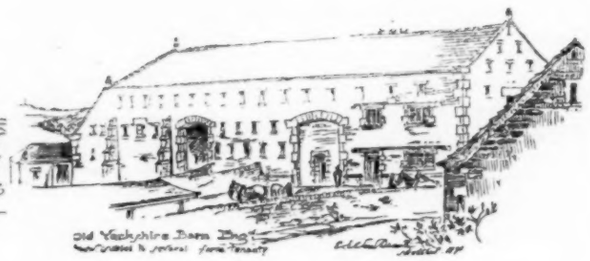

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White ℔ bbl	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
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Amherst, Berea, Berlin } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
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Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
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Marble: (℔ *cu. ft.*)				
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Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
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Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" red	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" black, Lehigh	@	@	7 30 @ 8 00	4 00 @ 4 65
" " Chapmans	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	@	@	*Not Sold.*	@ 25 00
Tiles, Am ...℔ M.	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading	@	@		
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7¼ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ *gal.*)	53 @ 56	56 @ 57	57 @ 60	@ 60
" " boiled	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine	41 @ 42	43 @ 44	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (*dry*)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (*dry*)	1 50 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (*dry*)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4" x 4" (℔ doz. pairs.)				
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7¾	@ 7	@ 6¾
Lead Pipe	@	@ 7	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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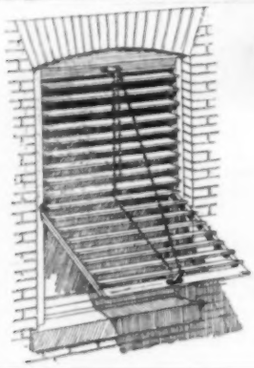

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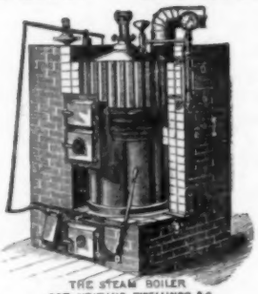

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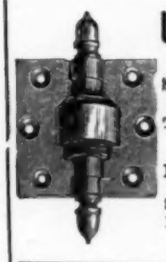

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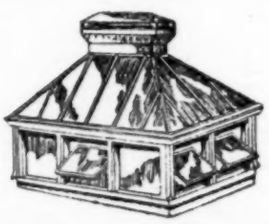

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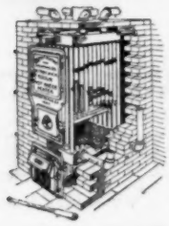

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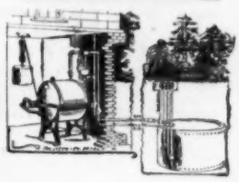

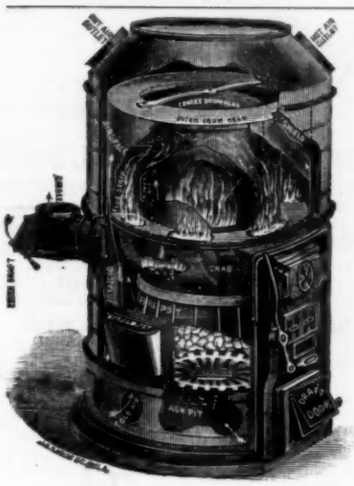

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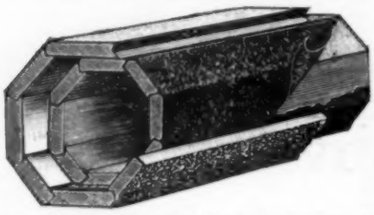

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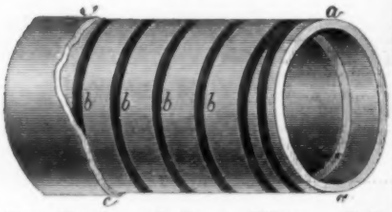

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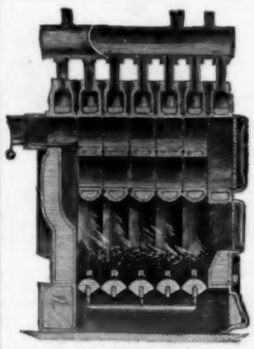

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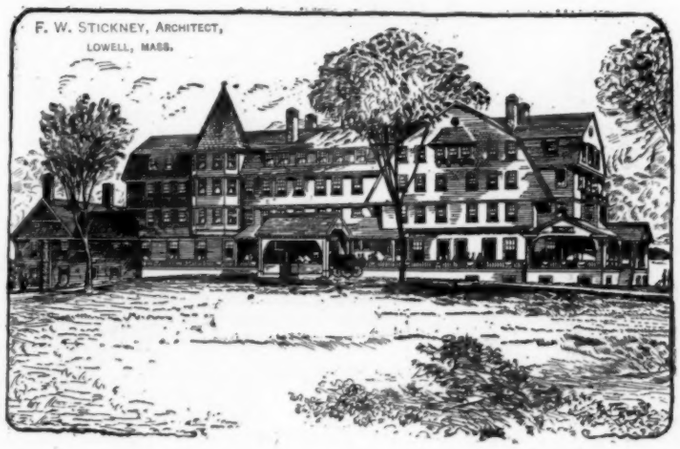

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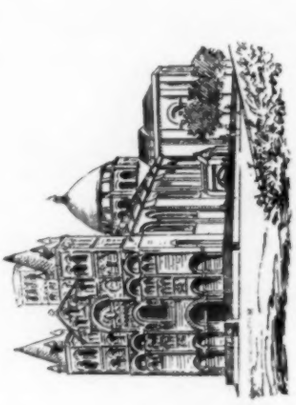

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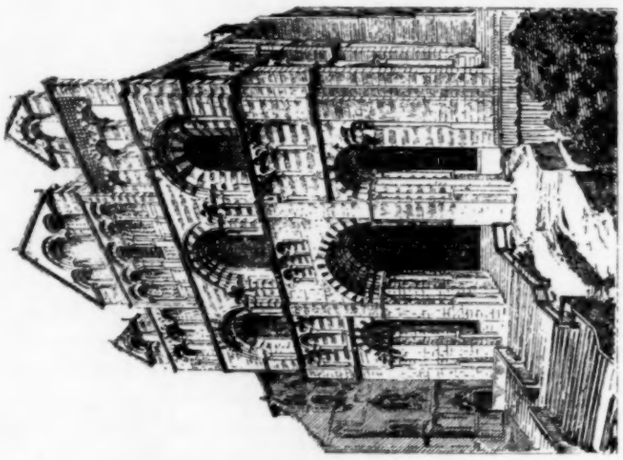

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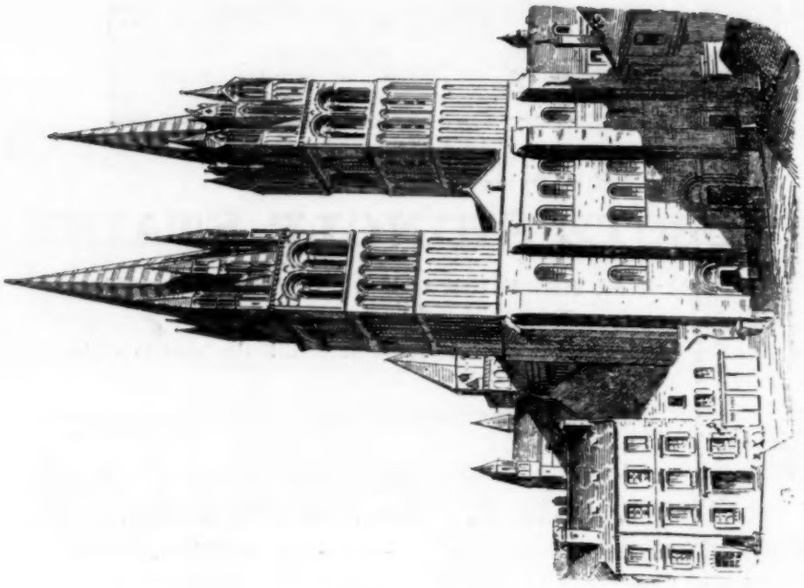

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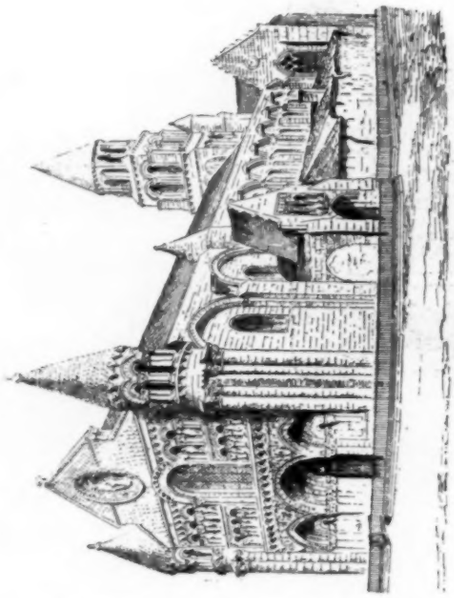

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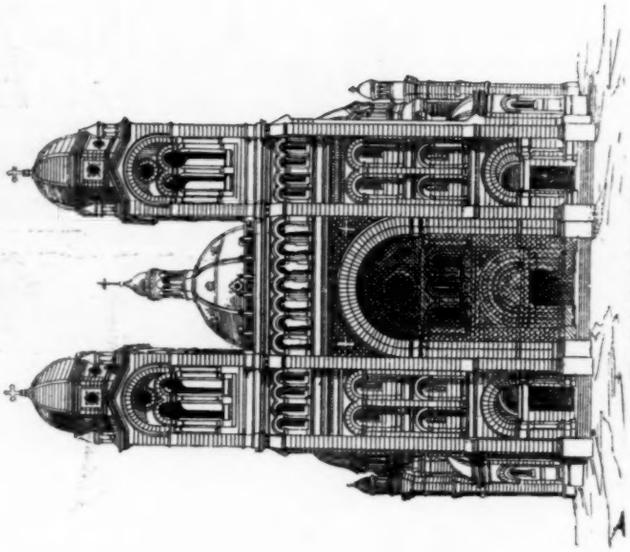

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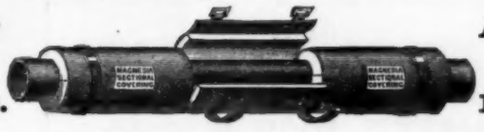

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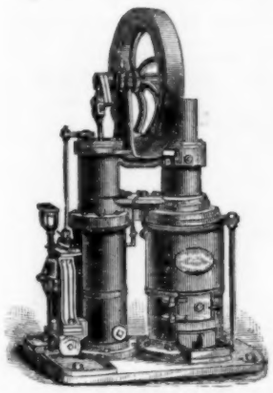

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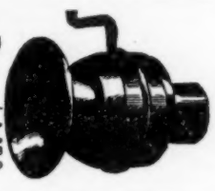

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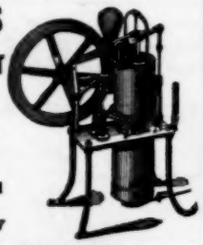

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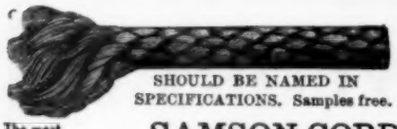

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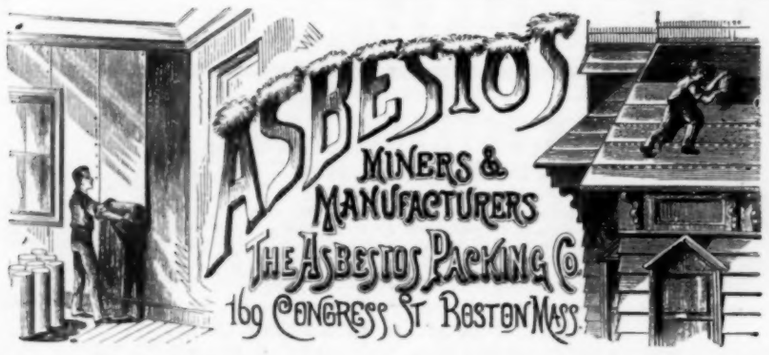

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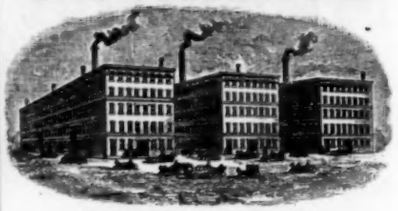

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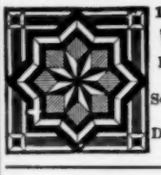

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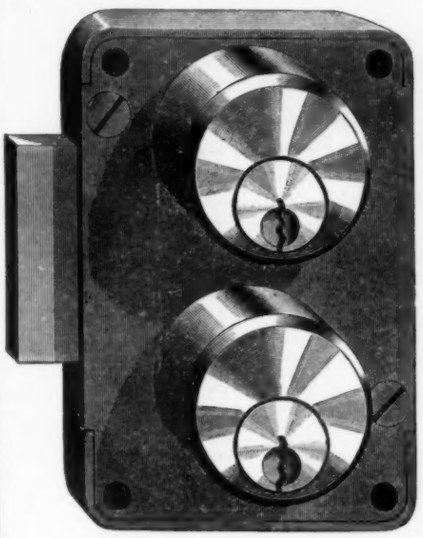

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The following advertisements are omitted in this issue in favor of the Classified Index.

Belmont Iron Works.
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Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING APRIL 17, 1891.

From Antwerp. — Steamer "*Pensland*," 1,000 barrels cement, Chas. Spencer; 1,000 do., E. Thiele. Steamer "*Friesland*," 3,500 barrels Portland cement, E. Thiele; 500 do., Chas. Spencer; 1,500 barrels Portland cement, order. Steamer "*Chicago*," 1,500 casks cement, Canadian Bank of Commerce; 500 barrels do., German Bank of London; 1,548 barrels cement, order.

From Glasgow. — Steamer "*Anchoria*," 42 packages granite, Henderson Bros.; 29 do, Tice & Lynch; 59 do., order.

From Hamburg. — Steamer "*Rhætia*," 1,086 casks cement, E. Thiele.

From Laguna. — Schooner "*Montana*," 273 logs mahogany and cedar, 26 log-ends do., Thebaud Bros.

From Liverpool. — Steamer "*Helvetia*," 54 casks bricks, order.

From London. — Steamer "*Tower Hill*," 5,000 casks cement, Marcial & Co.; 3,050 casks cement, order.

From Santa Cruz. — Schooner "*Jefferson*," 520 pieces mahogany, 1,038 do. cedar, E. W. Adams & Co.

From St. Jago. — Brig "*J. P. Merry*," 47 logs mahogany, G. F. Amsinck & Co.

From Tonala and Frontera. — Brig "*Eldorado*," 5 cases onyx, 209 pieces mahogany and cedar, J. Rayner.

From Vera Cruz. — Steamer "*Yumuri*," 178 blocks marble, O'Kelly & Co.; 334 cases asphaltum, Thebaud Bros.; 45 blocks marble, R. G. Ledig.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass. — *Columbus Ave.*, cor. West Newton St., Ward 11, remodelling of first story for three stores and additions to rear; owner, W. T. Faunce; builder, L. R. Marsten.

Brooklyn, N. Y. — *Gates Ave.*, s s, 250′ w Ralph Ave., two-st'y brick school-house, slate roof, three-st'y brick extension, slate and tin roof, and internal and other alterations; cost, $65,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

North Eleventh St., n s, 200′ e Wythe Ave., one-st'y brick foundry, gravel roof, raised two stories and other alterations made; cost, $3,000; owner, Hecla Iron Works, Wythe Ave. and North Eleventh St.; architect, James M. Farnsworth, 119 Nassau St., New York City.

North Fourth St., Nos. 86-88, two-st'y brick storage warehouse raised two stories; cost, $15,000; owner, C. Wieskittel; architect, Frank Holmberg, 1161 Broadway.

Philadelphia, Pa. — Will H. Decker, architect, 1407½ Chestnut St., is at work on extensive alterations to properties 1229-35 Chestnut St., for Boothby.

St. Louis, Mo. — Two-st'y brick addition to dwell.; cost, $2,700; owner, W. Deickman; contractor, A. Krause.

Repairs to two-st'y brick factory; cost, $5,000; owner, H. Reinstedler; sub-let.

APARTMENT-HOUSES.

Boston, Mass. — *Huntington Ave.*, near Cumberland St., Ward 11, four-st'y brick apartments, flat roofs, 27′ x 90′; owner, George Nason; builder, A. W. Drisko.

Brooklyn, N. Y. — *Gates Ave.*, n s, 200′ w Central Ave., three-st'y frame flat, tin roof; cost, $5,600; owner, Frederick Kaiser, 1256 Gates Ave.; architect, Ernest Dennis, 115 Himrod St.

Cumberland St., e s, 200′ n Myrtle Ave., four-st'y brick double flat, tin roof; cost, $10,780; owner, Mrs. S. Williams, 127 Cumberland St.; architect, J. W. Bailey, 66 Court St.

Chicago, Ill. — C. V. & C. B. Waite, six-st'y flats, 5232-36 Lake Ave.; cost, $35,000.

C. G. Hass, two-st'y flats and barns, 466 Fiftieth St.; cost, $6,000.

Nicholas Wellstine, three-st'y flats, 189-191 Cleveland Ave.; cost, $4,000.

Charles Koellner, two-st'y flats, 942 North Hoyne Ave.; cost, $3,000.

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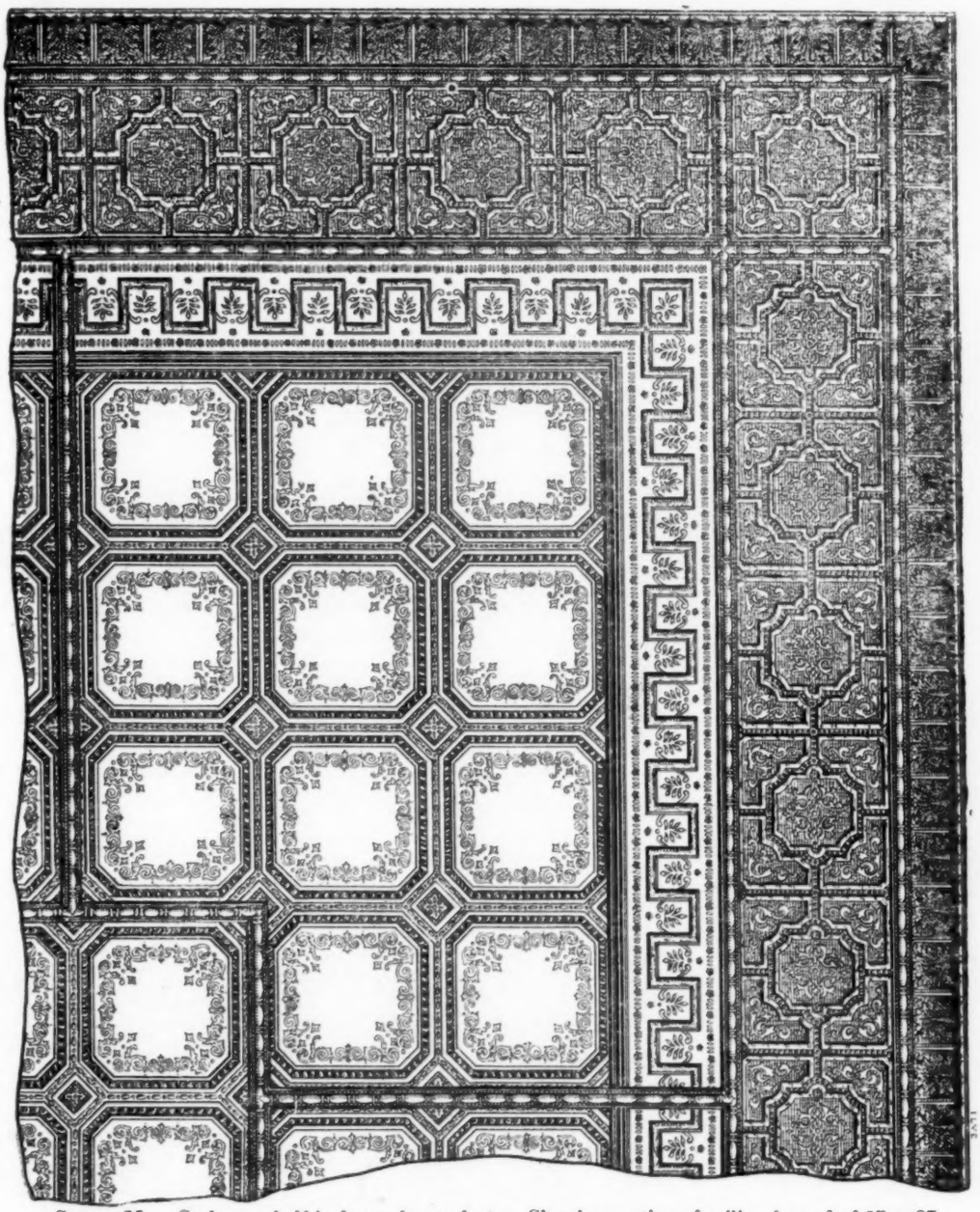

STYLE M. Scale, one-half inch equals one foot. Showing portion of ceiling formed of 27 x 27 Stamped Raised Panels in centre, with border of 24 x 24 panels, band of "Greek fret" pattern. Mouldings and "Leaf Cove" Cornice.

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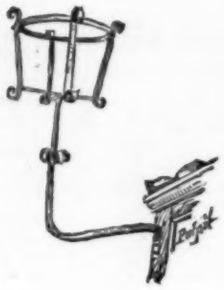
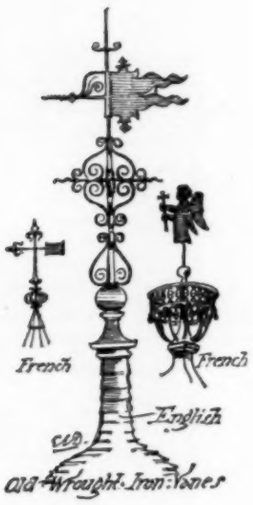


Knocker from a House in the Calle Rio-Terra, Venice.



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John Collins, 6 two-st'y flats, 1115-25 West Huron St.; cost, $15,000.

D. Butt, two-st'y flats, 812 North Western Ave.; cost, $3,000.

O. J. Williams, three-st'y flats, 3040 Wallace St.; cost, $5,500.

Mrs. Sarah P. Hair, three-st'y flats, 24 North Oakley Ave.; cost, $4,200.

Otto Poppe, three-st'y flats, 4512 Wabash Ave.; cost, $6,000.

C. F. Thomas, 2 four-st'y flats, 376 West Huron St.; cost, $12,000.

William Kuessel, two-st'y flats, 39 Menominee St.; cost, $4,000.

Mrs. B. Jacobsen, two-st'y flats, 487 North Hoyne Ave.; cost, $3,580.

I. Jacobson, 4 two-st'y flats, 941-943 North Fairfield Ave ; cost, $4,000.

R. J. Birkarod, two-st'y flats, 401 Dania Ave.; cost, $3,500.

James McClintock, two-st'y flats, 103 Whipple St.; cost, $3,500.

Charles Hennig, three-st'y flats, 86 Evergreen Ave.; cost, $6,000.

Charles Matthews, three-st'y flats, 104 106 Twenty-ninth St.; cost, $7,000.

Henry Roasch, two-st'y flats, 836 Girard St.; cost, $3,500.

R. J. Buparod, two-st'y flats, 701 Darien Ave.; cost, $3,500.

George Wood, 2 two-st'y flats, Reynolds St., near Seventy-ninth St.; cost, $4,000.

L. M. Stebbins and J. G. Cozzens, six-st'y flats, 2318-58 Indiana Ave.; cost, $300,000.

Springer & Starr, two-st'y flats, 1533 Lill St.; cost, $5,000.

Mrs. C. Brahn, two-st'y flats, 6836 Ada St.; cost, $1,700.

John Schutt, two-st'y flats, Sixty-fifth St. and St. Lawrence Ave.; cost, $1,900.

Mrs. M. Lillie, three-st'y flats, 4634 Wabash Ave.; cost, $5,000.

A. Swalariewicz, two-st'y flats, 939 James Ave.; cost, $3,500.

Albert Peig, two-st'y flats, 94 Newton St.; cost, $1,700.

J. H. Follansbee, 2 four-st'y flats, 2300-02 Wabash Ave.; cost, $30,000.

J. W. Mayer, three-st'y flats, 443 South Paulina St.. cost, $3,800.

Fred von Draeck, three-st'y flats, 260 Henry St.; cost, $4,500.

Bertha Naleyt, two-st'y flats, 6728 Wabash Ave.; cost, $2,200.

R. O. Belmke, two-st'y flats, Sixty-third and Carpenter Sts.; cost, $1,200.

C. F. Olson, two-st'y flats, Logan and Halsted Sts.; cost, $2,200.

C. J. Nicols, three-st'y flats, 504 North Wood St.; cost, $5,000.

G. Thorne, three-st'y flats, 201 Hudson St.; cost, $4,000.

Louis Kaske, three-st'y flats, 224 West Taylor St ; cost, $4,500.

H. Liebfeldt, three-st'y flats, 24 Ashland Ave.; cost, $4,000.

C. J. Peterson, two-st'y flats, 1250 Polk St.; cost, $2,400.

H. Hand, three-st'y flats, Perry and California Aves.; cost, $2,000.

A. Linischer, two-st'y flats, Belmont and Clybourn Aves.: cost, $7,500.

Gustave H. Schlotthauer, 2 two-st'y flats, 56-58 Racine Ave.; cost, $8,000.

F. Nociechowski, two-st'y flats; cost, $3,400.

Cincinnati, O.—C. T. Dickson, four-and-one-half-st'y flats, Morris St.; cost, $12,000; architect, G. W. Drach.

Minneapolis, Minn.—C. P. Stedman, brick block of flats, 1827 Two-and-one-half St.; cost, $10,000.

Caroline Anderson, brick flats and store, 1928-32 Riverside Ave.; cost, $15,000.

New York, N. Y.—*Pike St.*, s w cor. East Broadway six-st'y brick and stone flat; cost, $60,000; owners, E. & P. Sobel; architects, Herter Bros.

Seventy-eighth St., n s, 75′ e Second Ave., 2 five-st'y brick and stone flats; cost, $30,000; owners, Murphy Bros.; architect, John P. Leo.

Thirty-fifth St., s s, 150′ e Second Ave., 2 five-st'y brick flats, tin roofs; cost, $22,000; owners, Lowen & Halliday, 400 West Forty-sixth St.; architect, James W. Cole, 403 West Fifty-first St.

Seventy-second St., s s, 213′ e First Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Joseph F. Gallagher, s e cor. One Hundred and Sixteenth St. and Columbus Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and Fifteenth St., s s, 150′ e Third Ave., 11 five-st'y brick flats, tin roofs; cost, $176,000; owner, Frederick Schuck, 451 East Eighty-fifth St.; architect, Edward Wenz, 1491 Third Ave.

East Thirty-eighth St., No. 309, five-st'y brick flat, tin roof; cost, $15,000; owner, Christian Stoeher, 710 Second Ave.; architect, Ernest W. Greis, 39 Union Square.

Third Ave., n e cor. One Hundred and Sixty-first St., five-st'y brick flat, tin roof; cost, $18,000; owner, Paul G. Decker, 875 Courtland Ave.; architect, Walter C. Hornum, 150 East One Hundred and Twenty-fifth St.

Clifton St., e s, 25′ s Delancy St., 2 five-st'y brick flats, tin roofs; cost, $64,000; owners, Weil & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

Delancy St., s e cor. Clinton Ave., six-st'y brick flat, tin roof; cost, $55,000; owners, Weil & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

Eighty-fourth St., s s, 350′ w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $46,000; owners, Cohen & Blumenthal, 124 West Eighty-fourth St.; architect, Geo. F. Pelham, 1481 Broadway.

One Hundred and Tenth St., s s, 100′ w Madison Ave., 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, John O'Connor, 1029 East One Hundred and Thirty-sixth St.; architect, John Hauser, 1441 Third Ave.

Eldridge St., No. 136, five-st'y brick flat, tin roof; cost, $18,000; owners, Michael Larkin & Son, 519 East Sixteenth St.; architect, Frederick Jenth, 191 Forsyth St.

One Hundred and Seventeenth St., s w cor. Lexington Ave., five-st'y brick flat, tin roof; cost, $25,000; owner, Hugh Reilly, 103 East Sixteenth St.; architect, Edward Wenz, 1491 Third Ave.

Eighty-eighth St., s s, 45′ e Ninth Ave., 4 five-st'y brick flats, tin roofs; cost, $100,000; owner, John Casey, 59 East Eighty-seventh St.; architect, F. A. Minuth, 822 Broadway.

East Thirty-eighth St., No. 309, five-st'y brick flat, tin roof; cost, $15,000; owner, Christian Stoeher, 710 Second Ave.; architect, Ernest W. Greis, 36 Union Square.

East Thirty-eighth St., 125′ e Second Ave., five-st'y brick flat, tin roof; cost, $16,000; owner, Christian Stoeher, 700 Second Ave.; architect, Ernest W. Greis, 36 Union Square.

Madison Ave., n e cor. Eighty-eighth St., five-st'y brick flat, tin roof; cost, $96,000; owner, William J. Mathews, 172 East One Hundred and Tenth St.; architect, John C. Burne, 153 Third Ave.

Ninety-fourth St., n s, 100′ w Columbus Ave., 2 five-st'y brick flats, tin roofs; cost, $48,000; owner, F. J. Hillenbrand, 197 West One Hundred and Second St.; architect, Charles Sidney, 250 West Two Hundred and Fiftieth St.

West Seventh St., Nos. 93-97, 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, George Horenberger, 22 St. Mark's Pl.; architects, Kurtzer & Rohl, cor. Third Ave. and Seventh St.

One Hundred and Thirty-fifth St., s s, 100′ e Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, William Picken, 116 East Eighty-second St.; architect, John Hauser, 1441 Third Ave.

Lexington Ave., n e cor. Eighty-second St., five-st'y brick flat, tin roof; cost, $35,000; owners, Higgins & King, 307 East Eighty-seventh St.; architects, Thom & Wilson, 1267 Broadway.

East Broadway, No. 182, five-st'y brick flat, tin roof; cost, $20,000; owner, Yetta Schuleman, 61 Canal St.; architect, Fred Wandelt, 79 East Broadway.

St. Louis, Mo.—Two-st'y and mansard brick flats; cost, $8,000; owner, J. Bohnenkamp; contractors, J. Quante & Bro.

Two adjacent two-st'y brick flats; cost, $7,000; owner, W. Cullinane; contractor, P. J. Moynihan.

Two-st'y brick flats and stores; cost, $20,000; owner, W. Cullinane; contractor, P. J. Moynihan.

Two-st'y brick flats; cost, $5,000; owner, Lizzie Frun; contractors, Frun Building Co.

Two-st'y brick flats; cost, $3,500; owner, G. Petzhold; contractor, Jno. Kuknert.

CHURCHES.

New York, N. Y.—*West Thirty-first St., Nos.* 135-141, two-st'y brick church, peak slate roof; cost, $60,000; owner, Corporation of St. Francis of Assisium, 137 West Thirty-first St.; architect, Henry Eberhart, 1293 Broadway.

FACTORIES.

Brooklyn, N. Y.—*Flushing Ave.*, s s, 50′ w Sanford St., one-st'y brick copper-working manufactory, tin roof; cost, $3,500; owner, Thos. Burkhardt, 125 White St., New York; architect, Thos. Engelhardt, 905 Broadway.

Hudson Ave., Nos. 258-262, four-st'y brick woolfactory, gravel roof; cost, $15,000; owner, Aaron Lewy, 258 Hudson Ave.; architect, J. G. Glover, 186 Remsen St.

Fifth St. Basin, n s, 124′ from Third Ave., 2 two-st'y brick buildings for the manufacture of tin plate, the Somerton Tin Plate Works, gravel roofs; cost, $30,000.

Chicago, Ill.—Rhein & Jung, factory and engine-house, 1201-03 West Superior St.; cost, $4,000.

Hiadovec Brewing Co., brewery, 1000-06 West Twenty-first St.; cost, $40,000.

E. S. Hartwell, two-st'y factory, 71-73 Chester St.; cost, $5,000.

Zero Marx, four-st'y factory, 160-162 East Superior St.; cost, $12,000.

New York, N. Y.—*Thirty-fourth St.*, 225′ e Eleventh Ave., six-st'y brick and stone factory; cost, $50,000; owners, Henry Gledhill & Co.; architects, Weber & Drosser.

Division St., near Essex St., seven-st'y brick and stone factory; cost, $32,000; owners, Weil & Mayer.

One Hundred and Fifth St., n s, 100′ w Fifth Ave., one-st'y brick factory, tin roof; cost, $3,000; owner, Wilhelmina Dietz, 2005 First Ave.; architect, Edward Wenz, 1491 Third Ave.

West Sixty-fourth St., five-st'y brick factory, felt and gravel roof; cost, $10,750; owner, Mary E. Toner, 1075 Tenth Ave.; architect, Will A. O'Hea, 330 West One Hundred and Forty-fifth St.

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BUILDING INTELLIGENCE.

HOUSES.

Baltimore, Md.—L. German, 9 two-st'y brick buildings, w s Patuxent St.; and 9 two-st'y brick buildings, e s Streeper St., n Hudson St.

J. H. Dangelock, 7 two-st'y brick buildings, s s Philadelphia Road, near Canton St.

S. D. Hutt, 6 two-st'y brick buildings, n s Oliver St., bet. Broadway and Register St.; and 8 two-st'y brick buildings, w s Register St., n Oliver St.

Hy. S. Rippel, 7 two-st'y brick buildings, w s Pinkney St., n Stockholm St.

A. J. Gettler, 5 two-st'y brick buildings, s s Winchester St., beg. s e cor. Woodyear St.

Geo. W. Parks, 5 two-st'y brick buildings, n s Stockholm St., bet. Pinkney and Carroll Sts.

Calloway & Ludwig, 2 three-st'y and 11 two-st'y brick buildings, n s Dolphin St., bet. Pennsylvania Ave. and Division St.

W. G. White, 6 three-st'y brick buildings, s s Biddle St., w Greenmount Ave.

Boston, Mass.—*Brook St.*, near Sycamore St., Ward 23, frame dwell., 23.6′ x 30′; owner, Henry Brown; builders, McNeil & McLean.

Weldon St., cor. Yale St., Ward 23, two-st'y dwell., hip roof, 33′ x 36′; owner, C. F. Hoeneman; builders, Sittig Bros.

Elmore St., cor. Grainger St., Ward 21, three-st'y frame dwell., flat roof, 24.6′ x 61′; owners, Foley & Crook; builder, J. O. Frame.

Holborn St., near Warren St., Ward 21, two-st'y frame dwell., hip roof, 32′ x 35.9′; owner, Peter Graffam; builder, W. J. Griffis.

Ashfield St., near Walter St., Ward 23, frame dwell., 24′ x 36′; owner and builder, H. D. Van Noorden.

Menlo St., near Sparhawk St., Ward 25, two-st'y frame dwell., hip roof, 30′ x 37′; owner, Mrs. F. A. Guild; builder, James Muldoon.

Minden St., cor. Bickford St., Ward 22, 2 three-st'y frame dwells., flat roofs, 28.6′ x 38′; owner, A. Lowell, trustee; builder, L. Goodwin.

Lauriat Ave., near Lyon St., Ward 24, two frame dwells., 20′ x 32′; owner, C. C. Mayberry; builder, Herman Drake.

Westcott St., near West Park St., Ward 24, two frame dwells., 27′ x 35′; owner, A. A. Westcott; builder, S. Dresser.

Talbot St., near Kelton St., Ward 24, three-st'y frame dwell., pitch roof, 21′ x 26′; owner, Mary J. Simmons; builder, S. R. Simmons.

Glen Road, near Harvard St., Ward 24, frame dwell., 15′ x 40′; owner, J. C. Clark; builder, J. A. Paine.

Greenwich St., No. 16, Ward 24, frame dwell., 22.6′ x 33′; owner, Mary McDonough; builder, Peter Riley.

Dorchester Ave., near Van Winkle St., Ward 24, frame dwell., 25′ x 35′; owner, Isaac Schuoman.

Delmatia St., No. 6, Ward 20, three-st'y frame dwell., flat roof, 21′ x 48′; owner, John Kiley; builder, A. McDougall.

Wordsworth St., cor. Bennington St., Ward 1, two-st'y frame dwell., hip roof, 21′ x 34′; owner, Thomas Paunder; builder, E. J. Turner.

Saratoga St., cor. Austin Ave., Ward 1, frame dwell., 22′ x 50′; owner and builder, M. F. D'Arcy.

Codman Park, No. 39, Ward 21, three-st'y frame dwell., flat roof, 24′ x 42.6′; owner and builder, P. R. Kicksham.

Blue Hill Ave., Nos. 242-244, Ward 20, 2 three-st'y frame dwells., flat roofs, 21′ x 48′; owner, John Kiley; builder, A. McDougall.

Brooklyn, N. Y.—*Bergen St.*, s s, 221′ w Rockaway Ave., 2 two-st'y frame dwells., tin roofs; cost, $1,500 each; owner, Sarah E. Wenz, 2061 Bergen St.; architect, M. F. Walsh, Arbuckle Building.

Myrtle Ave., n e cor. Himrod St., 2 three-st'y frame dwells., gravel roofs; cost, $9,000; owners, Von Glahn Bros., 7 Washington Ave.; architect, J. G. Glover, 186 Remsen St.

Arlington Ave., s s, 75′ w Warwick St., two-st'y frame dwell., shingle roof; cost, $4,000; owner, Fred J. Swift, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Clinton Ave., e s, 75′ n Fulton St., five-st'y brick dwell., tin and slate roof; cost, $20,000; owner, Bernard Fowler, 1239 Bedford Ave.; architects, Langston & Dahlander, 1239 Bedford Ave.

Ninth St., s s, 325′ w Eighth Ave., 6 three-st'y brick dwells., tin roofs; cost, $5,000 each; owner, D. Doody, 501 Ninth St.; architect, J. R. Schoonover, 260 Forty-eighth St.

Clinton St., w s, 25′ n President St., 3 four-st'y brick dwells., tin roofs; cost, $22,500; owner, Daniel Buckley, 39 Stirling Pl.; architect, W. M. Coots, 26 Court St.

Essex St., w s, 140′ n Arlington Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,160 each; owners, architects and builders, Wells & Whitlock, 42 Wyona St.

Ingraham St., n s, 175′ w Morgan Ave., three-st'y frame dwell., tin roof; cost, $4,800; owner, Joseph Abt, 128 Willoughby Ave.; architect, Th. Engelhardt, 905 Broadway.

Fifty-seventh St., n s, 260′ e Third Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, W. C. Van Dozen, 76½ Bleecker St.

Bergen St., No. 686, three-st'y brick dwell., tin roof; cost, $4,000; owner, Erick Soderstrom, 686 Bergen St.; architect, W. H. Wirth, 308 Seventeenth St.

Monroe St., s s, 120′ e Stuyvesant Ave., 8 two-and-one-half-st'y brick dwells., tin roofs; cost, $4,500 each; owner and architect, Arthur Taylor, 176 McDonough St.

Hancock St., n s, 45′ e Sumner Ave., 5 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner, J. F. Tyler, 723 Jefferson Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Elton St., s w cor. Ridgewood Ave., two-st'y frame dwell., shingle roof; cost, $4,500; owner, T. F. Parker, Elton St., near Ridgewood Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Arlington Ave., s w cor. Warwick St., two-st'y frame dwell., shingle roof; cost, $4,500; owner, Fred J. Swift, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Classon Ave., e s, 47′ s Bergen St., 8 three-st'y brick dwells., tin roofs; cost, $3,500 each; owner, Philip Sullivan, 252 Patchen Ave.; architect, M. F. Walsh, 874 Fulton St.

Marcy Ave., w s, 100′ n Fulton St., four-st'y brick dwell., gravel roof; cost, $30,000; owner, Edward S. Belts, 4292 Fulton St.; architects, Langston & Dahlander, 1239 Bedford Ave.

President St., n w cor. Sixth Ave., 3 four-st'y brick dwells., tin roofs; cost, $45,000; owner, Edward Hudson, 586 Dean St.; architect, W. M. Coots, 26 Court St.

Carroll St., n s, 75′ e Columbia St., 2 four-st'y brick dwells., tin roofs; cost, $8,000 each; owner, Peter Duff, 253 Columbia St.; architect, Henry Vollweiler, 486 Hart St.

Schenck Ave., e s, 200′ n Arlington Ave., two-st'y frame dwell., shingle roof; cost, $4,000; owner, T. F. Parker, Elton St., near Ridgewood Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Chicago, Ill.—George A. Otis, 5 three-st'y dwells., 4538-46 Oakenwald Ave.; cost, $30,000.

B. C. Allen, three-st'y dwell., 942 West Polk St.; cost, $3,000.

J. D. Minor, 3 two-st'y dwells., 6343-47 Collins Ave.; cost, $9,000.

John Brown, two-st'y dwell., 1593 Fulton St.; cost, $3,000.

William D. Kerfoot, six cottages, 200-208 Thomas St.; cost, $11,000.

George Sunderland, 3 three-st'y dwells., 3734-38 Forest Ave.; cost, $12,000.

H. Jannak, three cottages, 1005-09 Dudley St.; cost, $3,000.

Potter Palmer, 6 three-st'y dwells., 564-574 Division St.; cost, $36,000.

Potter Palmer, 4 three-st'y dwells., 452-468 Chestnut St.; cost, $32,000.

H. W. Ames, five cottages, Grant St. and Wabansia Ave.; cost, $7,500.

H. W. Ames, four cottages, Fifty-sixth St., near Wallace St.; cost, $6,000.

Cincinnati, O.—Dr. Sigmar Stark, two-and-one-half-st'y dwell., McMillian St.; cost, $6,000; architect, O. E. Elzner.

Detroit, Mich.—J. E. Mills, frame dwell., 226 East Warren Ave.; cost, $3,200.

A. C. Varney & Co., two-st'y brick dwell., 146 Forest Ave.; cost, $5,000; two-st'y brick dwell., 150 Forest Ave.; cost, $5,500; two-st'y brick dwell., 154 Forest Ave.; cost, $5,500; two-st'y brick dwell., 335 Lincoln Ave.; cost, $5,500; frame dwell., 375 East Congress St.; cost, $3,000; two-st'y brick dwell., 35 Rowena St.; cost, $9,000; two-st'y brick dwell. and barn, 711 Cass Ave.; cost, $8,000; two-st'y brick dwell., 707 Cass Ave.; cost, $7,000; two-st'y brick dwell., 51 Alexandrine Ave.; cost, $5,500; two-st'y brick dwell., 142 Forest Ave.; cost, $5,500.

A. Pottreiff, frame dwell., 302 McGraw Ave.; cost, $3,200.

Geo. E. Depew, frame dwell. and barn, 670 National Ave.; cost, $4,000.

Martin Scholls & Sons, two-st'y brick dwell., 825 Cass Ave.; cost, $3,000.

D. A. W. Ives, brick dwell., 22 West Montcalm St.; cost, $6,000.

F. Schelbner, two brick dwells., 93-95 Napoleon St.; cost, $4,000.

Malcomson & Co., two-st'y brick dwell., 56 Garfield Ave.; cost, $6,000.

Melrose, Mass.—*Lebanon St.*, frame dwell., 30′ x 52′; owner, D. S. Orcutt; builder, Angus McDonald; architects, Loring & Phipps, Boston.

Minneapolis, Minn.—T. P. Healy, two-st'y frame dwell., 3107 South Second Ave.; cost, $5,000.

F. B. Harrington, two-st'y frame dwell., 2552 Colfax Aves.; cost, $6,000.

N. A. Freeberg, frame dwell., 1922 Crystal Lake Ave.; cost, $6,500.

Newtonville, Mass.—*California St.*, frame dwell., 30′ x 40′; cost, abt. $5,000; owner, Chas. F. Avery; builder, Herbert M. Gragg of Waltham; architect, J. Merrill Brown, Boston.

Walnut St., frame dwell., 51′ x 57′; hard wood finish; electric light; hot water heating; cost, abt. $16,000; owner, Frank J. Wetherell; contractors: Henry H. Hunt of West Newton, builder; Smith & Anthony, heating apparatus; architect, J. Merrill Brown, Boston.

New York, N. Y.—*Decatur Ave.*, s s, 150′ e Mashola Ave., two-and-one-half-st'y frame and stone dwell., shingle roof; cost, $3,800; owner, Henry R. Knopf, 92 Third Ave.; architect and builder, Edward Goeb, 292 Steinway Ave., Long Island City.

Davidson Ave., n w cor. High Bridge Road, two-st'y frame and stone dwell., shingle roof; cost, $6,500; owner, Thomas Thorne, Edenwood Ave., near Highbridge; architect, Charles C. Churchill, 3493 Third Ave.

Amsterdam Ave., e s, One Hundred and Ninety-fourth to One Hundred and Ninety-fifth St., two-st'y frame and stone dwell., tin and shingle roof; cost, $9,000; owner, Timothy Donovan, 322 West Forty-sixth St.; architect, Charles Sydney, 250 West One Hundred and Twenty-fifth St.; lessee, Charles Wendell, One Hundred and Fifty-first St. and Grand Boulevard.

Washington Ave., w s, 108′ n One Hundred and Seventy-seventh St., three-st'y frame and stone dwell., tin roof; cost, $5,000; owner, William Clark, n w cor Washington Ave. and One Hundred and Seventy-seventh St.; architect, I. J. Keeland 1731 Washington Ave.

South One Hundred and Sixty-second St., 150′ e Morris Ave., 3 two-st'y brick and frame dwell., tin roof; cost, $12,000; owner, Hugo Maier, 512 East One Hundred and Sixty-second St.; architect, Anthony F. A. Schmitt, 696 Courtlandt Ave.

Sixty-ninth St., n s, 235′ e Fifth Ave., brick and stone dwell.; architect, John H. Duncan.

Seventy-sixth St., n s, 107′ w West End Ave., four-st'y dwell.; owner, Mrs. E. McGuckin; architect, Charles P. H. Gilbert.

One Hundred and Thirty-fifth St., n s, commencing 125′ e St. Ann's Ave., 6 two-st'y brick dwells., tin roofs; cost, $24,000; owner, John Entwistle, 845 East One Hundred and Thirty-fourth St.; architect, Albert E. Davis, 2533 Third Ave.

North Cambridge, Mass.—*Lambert Ave.* and Walnut Ave., double frame dwell., 40′ x 66′; cost, abt. $11,000; owner, E. M. Niles; builder, John Alden; architect, J. Merrill Brown, Boston.

Philadelphia, Pa.—*North Penn Road*, Constable Bros., 151 Broadway, New York, have plans on the boards of dwell. for E. C. Madeira, Jr.

Providence, R. I.—*Adelaide St.*, s s, near Elmwood Ave., two-and-one-half-st'y frame dwell.; owner, Albert A. Remington; builders, Straight & Minor; architect, F. E. Field.

Chalkstone Ave., s s, near Ruggles St., two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Elisse Bourneuf; builder, James McGregor.

Pelham St., s w cor, near Manton Ave., three-st'y frame dwell. and store; owner, M. J. Degnan; builder, Thomas Degnan.

Larch St., n s, near Ivy St., two-and-one-half-st'y frame dwell.; owner, Thomas F. Simpson; builders, Wm. Gilbane & Bros., cost, $4,000.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $3,500; owner and contractor, W. Herkenhoff.

Two-st'y brick dwell.; cost, $10,000; owner, E. Link; contractor, J. Schenck.

Three-st'y brick dwell.; cost, $8,000; owner, Mrs. A. Beeding; contractors, Kelly & Lawton.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, O. Rauschenbach.

Two-st'y brick dwell.; cost, $5,000; owner, P. Wagner; contractor, H. W. Kaiser.

Double two-and-one-half-st'y brick dwell.; cost, $11,000; owner and contractor, A. Megilitsch.

Two-st'y brick dwell.; cost, $4,000; owner, Mrs. Von Hahn; contractor, H. F. Beinke.

Two-st'y brick dwell.; cost, $6,280; owner, P. Giegerich; contractors, Vosse & Buxton.

Two-st'y brick dwell. and store; cost, $7,000; owner, Mrs. Nienabur; contractors, Vosse & Buxton.

Three adjacent two-st'y brick dwells.; cost, $17,000; owner, M. Widdle; contractor, A. H. Haesseler.

Two-st'y brick dwell.; cost, $6,000; owner and contractor, F. Kohlmeyer.

Two-st'y brick dwell.; cost, $3,000; owners and contractors, W. L. Balson & Son.

Two-st'y brick dwell.; cost, $4,300; owner, W. Exner; contractors, Bisser Bros.

Two-st'y brick dwell.; cost, $3,700; owner, W. McCarty; contractor, J. Schott.

Two-st'y brick dwell.; cost, $3,600; owner, H. Reingstiner; contractors, Smith & Bruehne.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, W. A. Miller.

Two-st'y brick dwell.; cost, $6,800; owner, Mrs. F. Pollack; contractor, J. H. Keefe.

Two-st'y brick dwell.; cost, $3,500; owner, D. J. Hukey; contractor, M. A. Moran.

Two-st'y brick dwell.; cost, $3,625; owner, J. Thiele; contractor, P. Deutman.

Two-st'y brick dwell.; cost, $3,000; owner, Jno. Teese; contractors, O'Malley Bros.

Two-st'y brick dwell. and store; cost, $3,200; owner, P. H. Scully; contractor, J. B. Majors.

Two-st'y brick dwell.; cost, $2,500; owner, J. Henschen; contractor, J. Dannmeyer.

Two-st'y brick dwell. and store; cost, $3,900; owner, W. Rolfmeyer; contractor, P. Sauerwein.

Two-st'y brick dwell.; cost, $2,800; owner, W. C. Heegs; contractor, J. Chadwick.

Two-st'y brick dwell. and store; cost, $3,900; owner, Hy. Zimmet; contractor, P. Sauerwein.

Four adjacent two-st'y brick dwells.; cost, $10,000; owner, G. H. Brueggeman; contractor, J. C. Brockmeier.

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Two-st'y brick dwell.; cost, $4,632; owner, H. Rackow; contractor, A. Nega.

Two-st'y brick dwell.; cost, $8,600; owner, P. Keating; contractors, A. & J. Slasisner.

Two-st'y brick dwell.; cost, $5,000; owner and contractor, C. C. Newberry.

Two two-st'y brick dwells.; cost, $10,000; owner and contractor, C. W. McFarland.

Two-st'y double brick dwell.; cost, $8,400; owner, Mrs. S. Hild; contractor, C. Hencke.

Two-st'y brick dwell. and store; cost, $6,000; owner, L. Dierberger; contractor, Chas. Hahn.

Two-st'y brick dwell.; cost, $5,000; owner, L. Harrigan; contractor, A. Bauer.

Two-st'y brick dwell.; cost, $6,500; owner, E. K. Hoyt; contractor, Dan Evans.

Two-st'y brick dwell.; cost, $7,000; owner, Mrs. Ebrecht; contractor, E. Paulus.

Two-st'y brick dwell.; cost, $4,500; owner, W. Zachritz; contractors, W. Gahl & Co.

Two-st'y brick dwell.; cost, $4,800; owner, Paul Wolf; contractors, W. Gahl & Co.

Three two-st'y brick dwells.; cost, $7,500; owner, C. R. H. Davis; contractor, E. P. Shasseri.

Two-st'y frame dwell.; cost, $3,800; owner, Miss Ashdown; contractor, C. M. Smiley.

Two-st'y brick dwell.; cost, $3,800; owner, S. Fletcher; contractor, J. Stauder.

Two-st'y brick dwell.; cost, $3,600; owner, R. C. Greer; contractors, Bowler & Dinsmore.

Two-st'y brick dwell.; cost, $3,000; owner, Pf. P. Satter; contractor, F. Hermann.

Two-st'y brick dwell.; cost, $4,600; owner, Wm. Maerschel; sub-let.

Three adjacent two-st'y brick dwells.; cost, $6,500; owner, A. Schacht; contractor, A. Winkel.

Two-st'y brick dwell.; cost, $5,000; owners and contractors, Klutho & Boeke.

Two-st'y brick dwell.; cost, $4,200; owner, J. Urban; contractors, Klutho & Boeke.

Worcester, Mass.—*Stone St.*, two-st'y frame dwell.; owner and builder, C. A. King.

Fairfield St., two-st'y frame dwell.; owner, A. J. Hiscox; day work.

Fairfield St., one-st'y frame dwell.; owner, A. J. Hiscox; day work.

Richard St., three-st'y frame dwell.; owner, R. M. Guy; contractor, B. M. Bucklin.

Boyden St., three-st'y frame dwell.; owner, E. P. King; architect, W. R. Forbush.

Parker St., two-st'y frame dwell.; owner and contractor, M. F. Ward.

Grove St., three-st'y frame dwell.; owner, P. Powers; day work.

Birch St., one-st'y frame dwell.; owner, C. H. Browning; contractors, Lackey & Peters.

Minton St., one-st'y frame dwell.; owner and contractor, Francis Duquette.

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Grand St., three-st'y frame dwell.; owner, C. F. Stevens; architect, W. H. Harvey.

Winfield St., two-st'y frame dwell.; owner and contractor, M. F. Wood.

Two-st'y frame parochial residence; owner, Rev. R. Walsh; contractor, Wm. Powers; architect, P. W. Ford, Boston.

Pleasant St., two-st'y frame dwell.; owner, J. M. Rice; contractor, A. J. Hiscox.

Grafton St., three-st'y frame dwell.; owner, J. Latour; contractor, J. A. Courtmanche.

Park Ave., two-st'y frame dwell.; owner, A. C. N. Peterson, contractor, L. M. Peterson.

Whipple St., three-st'y frame dwell.; owner, C. Enberg; contractor, L. M. Peterson.

Elman St., two-st'y frame dwell.; owner, G. Peterson; contractors, Nilson & Silven.

Bloomingdale Road, one-st'y frame dwell.; owner, John Pero; contractor, G. Fourner.

Grand St., three-st'y frame dwell.; owner, L. Lepierre; contractor, Urgel Dorais.

Grand St., three-st'y frame dwell.; owner, C. P. Barney; contractor, D. M. Waterman.

Woodland St., two-st'y frame dwell.; owner, Timothy Desmond; contractor, J. Collie; architect, W. H. Harvey.

Union Ave., three-st'y frame dwell.; owner, A. L. Grogan; contractors, H. L. Putman & Co.

Hanover St., two-st'y frame dwell.; owner, M. A. Whitney.

Two three-st'y frame dwells.; owner, J. A. Mills; contractor, J. A. McDermott.

Two-st'y frame dwell.; owner, C. S. Thorndike; contractors, Lackey & Peters.

Southbridge St., one-and-one-half-st'y frame dwell.; owner, Caroline Milnes; contractor, P. Casey.

Salisbury St., three-st'y frame dwell.; owner, W. Prece; contractor, P. Casey.

Boyden St., three-st'y frame dwell.; owner, E. P. King; day work.

Bearer St., 2 three-st'y frame dwells.; owner, C. W. Walls; contractors, Belisle & Maynard.

OFFICE-BUILDINGS.

Chicago, Ill.—Chicago City Railway, three-st'y office-building, 2018-2020 South State St.; cost, $25,000.

Clinton J. Warren, sixteen-st'y office-building, 49 Dearborn St.; cost, $450,000.

New York, N. Y.—*Nassau St., Nos.* 114-116 *and Ann St., No.* 45, office-building; owner, Wm. Pettit; architect, James M. Farnsworth.

SCHOOL-HOUSES.

Braintree, Mass.—Brick school-house, eight rooms, plans being made; contract to be let; architects, Loring & Phipps, Boston.

Brooklyn, N. Y. — *Bergen St.*, n w cor. Schenectady Ave., three-st'y brick school-house, slate and tin roof; cost, $74,000; owners, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

Fourth Ave., s w cor. Thirty-sixth St., four-st'y brick school-house, slate and tin roof; cost, $79,000; owners, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

Marcy Ave., w s, cor. Madison and Putnam Aves., four-st'y brick school-house, slate roof; cost, $190,000; owners, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

St. Louis, Mo.—Two-st'y brick school; cost, $16,000; owners, St. Louis Public Schools; contractor, M. B. Scanlon.

Two-st'y brick school; cost, $5,000; owners, St. Louis Public Schools; contractor, J. Ahern.

STABLES.

Boston, Mass.—*Duncan St.*, near Ruggles St., Ward 22, one-st'y frame stable, flat roof, 84' x 100'; owners, C. J. & R. T. Paine.

Green St., No. 173, *rear*, Ward 23, three-st'y brick stable, flat roof, 30.6' x 34.6'; owner, Patrick Meehan; builder, T. J. Tobin.

Brooklyn, N. Y. — *Eleventh St.*, s s, 125' e Fifth Ave., one and two-st'y brick stable, tin roof; cost, $5,200; owner, Thomas Dowd, premises; architect, Robert Dixon, 219 Montague St.

Degraw St., No. 33, two-st'y brick stable and packing house, gravel roof; cost, $7,260. owners, International Prov. Co., 35 Degraw St.; architect, R. L. Daus, 26 Court St.

Chelsea, Mass. — *Tremont St.*, frame stable, 50' x 156'; 54 stalls; mill construction; owner, Mr. Campbell; contract to be let; architects, Loring & Phipps, Boston.

Detroit, Mich.—D. Diedrichs, Jr., two-st'y barn, 461 Orleans St., cost, $3,500.

Minneapolis, Minn. — M. D. Wilson & Co., 311-315 Second Ave., s, stable and flats; cost, $10,000.

New York, N. Y.— *One Hundred and Sixty-first St.*, s s, 200' w Amsterdam Ave., two st'y brick stable, tin roof; cost, $17,000; owner, Charles S. Young, 256 West Twenty-second St.; architect, Frank A. Rooke, 247 West One Hundred and Twenty-fifth St.

Washington St., No. 272, two-st'y brick stable, tin roof; cost, $3,000; owner, Patrick Coleman, 505 Tenth Ave.; architect, I. B. Franklin, 121 West Eleventh St.

East One Hundred and Twenty-fourth St., Nos. 166-172, four-st'y brick stable, tar and gravel roof; cost, $35,000; owner, Jesse Powers, 34 Mount Morris Ave.; architects, French, Dixon & De Salden, Broadway and Fifty-seventh St.

St. Louis, Mo. — Two-st'y brick stable; cost, $3,000; owner, F. W. Guerin; contractors, Edwards & Skinner.

Two-st'y brick stable; cost, $3,000; owners, Lambert Pharmacal Co.; contractor, M. Kirkwood.

Worcester, Mass.—*Gate St.*, one-st'y stable; owner, J. H. Hall; day work.

Geneva St., one-st'y frame stable; owner and contractor, C. L. Bacon.

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STORES.

Brooklyn, N. Y.— *Debevoise St.*, s s, 200′ e Graham Ave., four-st'y frame store and dwell., tin roof; cost, $7,500; owner, Mr. Schulheitz, 14-16 Graham Ave.; architect, Frank Holmberg, 1161 Broadway.

Decatur St., s w cor. Hopkinson Ave., four-st'y brick store and dwell., tin roof; cost, $12,000; owner, Frank McMahon, 202 McDougal St.; architects, Amzi Hill & Son, 1161 Fulton St.

Thirty-ninth St., s s, 250′ w Fifth Ave., three-st'y frame store and dwell., tin roof; cost, $3,500; owner, Miss Susan Fitzpatrick, 330 Atlantic Ave.; architects, Young Bros., 129 Forty-third St.

Washington St., e s, 94′ 7″ n Concord St., five-st'y brick store, tin roof; cost, $15,000; owner, Henry P. Degraaf, Fifth Ave. and One Hundred and Twenty-fifth St., New York; architects, Walgrove and Israels, 99 Nassau St., New York.

Irving Ave., n e cor. Himrod St., 4 three-st'y frame stores and dwells., tin roofs; cost, $19,000; owners, John, Fred and Louis Fink, on premises; architect, Th. Engelhardt, 905 Broadway.

Manhattan Ave., e s, 59′ s Norman Ave., four-st'y frame store and dwell., tin roof; cost, $5,000; owner, Charles P. Germann, 99 Norman Ave.; architect, H. Vollweiler, 486 Hart St.

Schermerhorn St., junction of Third and Flatbush Aves., two-st'y brick store, gravel roof; cost, $4,000; owner, George H. Rice, Flatbush Ave.; architect, M. J. Merrill, 357 Fulton St.

Bergen St., s s, 475′ e Albany Ave., three-st'y frame store and dwell., tin roof; cost, $6,000; owners and architects, Connell & Barnes, 1549 Fulton St.

Central Ave., s e cor. Eldert St., 4 three-st'y frame stores and dwells., tin roofs; cost, $17,000; owner, Michael Moran, 783 Lexington Ave.; architect, Th. Engelhardt, 905 Broadway.

Willoughby St., n s, 32′ 3″ w Navy St., three-st'y brick store and flat, tin roof; cost, $3,500; owner, Mary M. Harvey, Willoughby and Navy Sts.; architect, A. L. Valk, 327 Grand Ave.

Glenmore Ave., n e cor. Sheffield Ave., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, Charles Victory, Alabama Ave., near Atlantic St.; architect, J. G. Glover, 186 Remsen St.

Glenmore Ave., n s, 25′ e s Sheffield Ave., 4 three-st'y frame stores and dwell., tin roofs; cost, $2,500; each; owner, Charles Victory, Alabama Ave., near Atlantic St.; architect, J. G. Glover, 186 Remsen St.

Myrtle Ave., n e cor. Tompkins Ave., four-st'y brick store and dwell., tin roof; cost, $24,000; owner, H. Schildt, 894 Myrtle Ave.; architect, G. H. Windrum, 316 Quincy St.

Atlantic Ave., s e cor. Bradford St., three-st'y brick store and dwell., tin roof; cost, $6,800; owner, Edward Alt, Atlantic Ave., rear Wyona St.; architects, Danmar & Fischer, 2021 Atlantic Ave.

Chicago, Ill. — Thomas Wilson, two-st'y store and flats, 6610 State St.; cost, $6,000.

William Ohlhaber, 4 three-st'y stores and flats, 359-363 West North Ave.; cost, $15,000.

Gustave Barandt, two-st'y store and dwell., 1672 Hinman St.; cost, $3,400.

A. L. F. D. Patterson, three-st'y store and flats, 3200 Wallace St.; cost, $10,000.

A. Eckdahl, three-st'y store and flats, 3802 Armour Ave.; cost, $8,000.

Frank Cerveny, three-st'y store and flats, 497 North Eighteenth St.; cost, $5,500.

R. J. Walsch, 5 four-st'y stores and flats, 221-227 West Division St.; cost, $30,000.

James Hanley, two-st'y store and flats, 3240 South Halsted St.; cost, $4,000.

William M. Galsten, two-st'y store and dwell., 305 California Ave.; cost, $4,000.

J. Schults, three-st'y store and flats, 1110 South Leavitt St.; cost, $7,000.

F. D. Lobisiek, four-st'y store and flats, 359 South Jefferson St.; cost, $7,000.

Henry Dirks, 2 four-st'y store and flats, 152-154 Webster St.; cost, $12,000.

H. Chapin & Son, 4 two-st'y store and flats, Thirty-first and Wallace Sts.; cost, $10,000.

J. W. Holliday, 2 two-st'y stores and flats, Seventy-fifth St. near Eagen Ave.; cost, $5,000.

C. D. Thornton, 2 two-st'y stores and flats, Sixty-ninth and Aberdeen Sts.; cost, $3,000.

Detroit, Mich. — Andrew Anderson, double brick store and dwell., 142-144 Chene St.; cost, $11,000.

J. D. Carter, two-st'y double brick store and dwell., 286-288 Hastings St.; cost, $5,000; frame store and dwell., 399-401 Jos. Campau Ave.; cost, $3,000.

A. C. Varney & Co., three-st'y double brick store and four dwells., 365-367 Grand River Ave.; cost, $11,500.

Wm. Hisons, double brick store and dwell., 197-199 Cass Ave.; cost, $3,000.

L. H. Johnston, two-st'y brick store and dwell., 715 Rivard St.; cost, $4,000.

Minneapolis, Minn. — Wheaton, Reynolds & Co., brick stores and flats, 517-523 Central Ave.; cost, $9,000.

T. Thoralron, 1816-1818 Washington Ave., n, three-st'y brick store and dwell.; cost, $12,000.

New York, N. Y. — *Broadway, No.* 648, eight-st'y brick and iron store, asphalt roof; cost, $185,000; owner, Peter Banner, 60 West Eighty-fifth St.; architects, Cleverdon & Putzel, 529 Broadway.

Fourteenth St., Nos. 120-122, six-st'y brick store, tin roof; cost, $55,000; owners, Marx & Moses, Ottinger & Isidore S. and Max S. Korn, 137 Bowery and 20 Nassau St.; architects, Cleverdon & Putzel, 529 Broadway.

Third Ave., No. 2313, one-st'y brick store, tin roof; cost, $9,000; owner, Louis J. Kohn, 2026 Madison Ave.; architects, Edward Kenny & Son, 259 Ninth St., Brooklyn.

Pueblo, Col.—*Main St.*, five-st'y brick building, flat roof, 60′ x 120′; of brick and native sandstone; called the Mechanics' Building; first story large stores, and offices above; the Mechanics Savings Bank to occupy part of second story; owners, Pueblo Realty Co.; contract to be let; architect, W. Frank Hurd, Boston.

Worcester, Mass. — *Front St.*, one-st'y brick store; owner, R. C. Taylor; contractor, S. I. Howard.

TENEMENT-HOUSES.

Boston, Mass. — *North Square, No.* 25, Ward 6, five-st'y brick tenements and stores, flat roof, 45′ x 82.6′; owner, Charles E. Ballard; builder, Edward Lynch.

WAREHOUSES.

Chicago, Ill. — William Deering & Co., brick warehouse, Clybourn and Fullerton Aves.; cost, $20,000.

BUILDING INTELLIGENCE.

Minneapolis, Minn. — S. S. Thorpe, 252-256 First Ave., s, brick warehouse; cost, $20,000.

New York, N. Y. — *Fifth Ave.*, s w cor. Twenty-first St., warehouse and store; owners, C. H. Van Ingen & Co.; architect, R. H. Robertson.

Waverly Pl., No. 18, six-st'y warehouse; cost, $75,000; owners, S. & H. Corn; architect, Alfred Zucker.

Greene St., s e cor. Fourth St., six-st'y brick, stone, iron and terra-cotta warehouse; cost, $95,000; owner, George R. Read; architect, Oswald Wirz.

Greene St., Nos. 222-224, six-st'y brick, iron, stone and terra-cotta warehouse; cost, $60,000; owner, J. G. Wallace; architect, Oswald Wirz.

St. Louis, Mo. — Two-st'y warehouse; cost, $5,000; owners and contractors, Crescent P. M. Co.

MISCELLANEOUS.

Boston, Mass.— *Cambridge St.*, near North Harvard St., Ward 25, brick buildings for Brookline Gas Co., boiler-house and station, one-st'y pitch roof, 95′ x 106.10′; purifying house, 59.6′ x 126′; water tank, 15.6′ x 37.6′; retort house, 63.6′ x 90′.

Brooklyn, N. Y. — *Sackett St.*, n s, 297′ 10″ e Third Ave., two-st'y brick carpenter shop, gravel roof; cost, $7,000; owner, John H. Van Devoy, 238 Monroe St.; architect, M. J. Morrill, 357 Fulton St.

Stauben St., w s, 509′ n Park St., two-st'y brick pork house, tin roof; cost, $8,000; owners, Butt Bros., 168 Spencer St.. architect, Frank Holmberg, 1161 Broadway.

Chicago, Ill. — N. I. Geady, foundation, 123-131 Fullerton Ave.; cost, $4,000.

Detroit, Mich.—Andrew Clark, two-st'y brick club-house, 918 Fort St., w; cost, $8,000.

J. E. & G. W. Scripps, brick printing-office, 59-63 Shelby St.; cost, $5,000.

Minneapolis, Minn.—Minneapolis St. Ry. Co., brick car barn, First Ave., n e, bet. Third and Fourth Sts.; cost, $40,000.

St. Anthony Elevator Co., on Manitoba Railway tracks, E. D., grain elevator; cost, $30,000.

Minneapolis Brewing and Malting Co., 1210 1224 Marshall St., n e, foundation for brewery; cost, $10,000.

New York, N. Y. — *Lafayette Pl., Nos.* 24-26, eight-st'y printing house; owner, Simon Goldenberg; architect, Alfred Zucker.

St. Louis, Mo. — Two-st'y brick paint shop; cost, $5,000; owners and contractors, Anheuser-Busch Bwg. Assn.

Four-st'y brick laboratory; cost, $27,000; owners, Lambert Phar. Co.; contractor, M. Kirkwood.

Two-st'y frame saloon and restaurant; cost, $8,000; owner, Chas. Koerner; contractor, L. Mortfeld.

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DEPARTMENT OF PUBLIC WORKS,
PROVIDENCE, R. I., April 11, 1891.

Sealed proposals will be received at this office **until 12 o'clock, noon, Thursday, May 7, 1891,** for building Sections 6, 7 and 9; also the sewers in Hamilton, Irving and Melrose Streets from Public Street to Bartlett Street; in Dexter Street from Cranston Street to Potter's Avenue; in Humboldt Avenue from a point 120 feet east of Taber Avenue to Wayland Avenue; in Wayland Avenue from Humboldt Avenue to a point about 200 feet south of Irving Avenue; thence easterly through land deeded to the city of Providence for highway purposes to Butler Avenue; thence easterly through Blackstone Park to the Seekonk River, in accordance with the forms of contract and specification to be furnished by the Commissioner of Public Works.

All proposals must be made upon the blank forms which will be furnished for that purpose.

The work is approximately indicated as follows:

Section.	Length in feet.	Size in inches.	Average depth cutting in feet.
6	2948	26 x 39 / 108 double	24
7	2380	26 x 39 / 22 x 33 / 100 double	18
9	2937	18 x 80 / 27 / 7 / 52 double	20
Hamilton St.	760	46 x 69	19
	760	44 x 66	15
	1030	40 x 60	15
	990	38 x 57	19
	760	36 x 54	19.5
	450	30 x 45	20
Dexter St.	1390	66	18.5
	495	62	17
	615	56	16.5
	685	28 x 42	15.5
	685	26 x 39	15.0
Humboldt Av.	1400	62	6.0
	1400	48	13
	300	15	12.25
	900	12	12

Plans may be seen and specifications and form of contract can be obtained at the office of the City Engineer in Providence, R. I.

Each bidder is requested to give reference as to his business standing, and to state generally what experience he has had in such work as here proposed.

PROPOSALS.

No bid will be considered unless accompanied by a certified check for the sum of one thousand dollars.

A satisfactory bond for a sum equal to about one-fifth of the estimated amount of the contract, conditioned upon the faithful performance of the contract, will be required of the successful bidder.

The right to reject any or all proposals is reserved.

ROBERT E. SMITH,
801 Commissioner of Public Works.

April 16, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 12th day of May, 1891, for all labor and material required for the excavation, the concrete foundations, the stone and brick work of the basement and area walls, first-floor beams and girders, and basement columns for the United States Court-house and Post-office building at Springfield, Mo., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Springfield, Mo. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Concrete Foundation, Stone and Brick Work of the Basement and Area Walls, Iron-work, etc., for the United States Court-house and Post-office at Springfield, Mo.," and addressed to H. C. McLEAN, Acting Supervising Architect. 801

April 20, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 14th day of May, 1891, for all the labor and materials required to complete the approaches to the United States Court-house, Post-office, etc., building at Key West, Fla., in accordance with drawing and specification, copies of which may be had on application at this office or the office of the Custodian at Key West, Fla. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Approaches to the United States Court-house, Post-office, etc., building at Key West, Fla.," and addressed to H. C. McLEAN, Acting Supervising Architect. 801

April 11, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of May, 1891, for all the labor and materials required for the stone, brick, iron work, etc., for the superstructure of the United States Post-office building at Scranton, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Scranton, Pa. Each bid must be accompanied by a certified check for $500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Stone, Brick, Iron Work, etc., for the Superstructure of the United States Post-office, etc., building at Scranton, Pa.," and addressed to H. C. McLEAN, Acting Supervising Architect. 800

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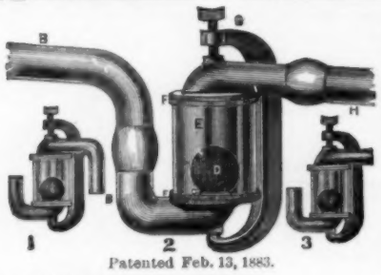

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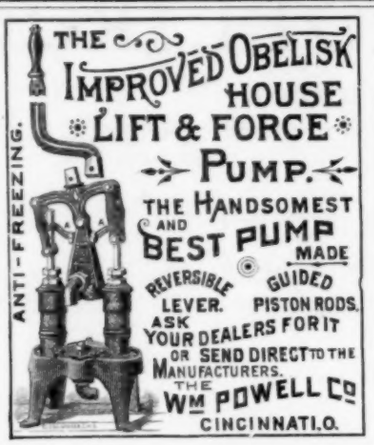

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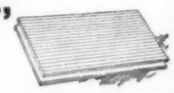

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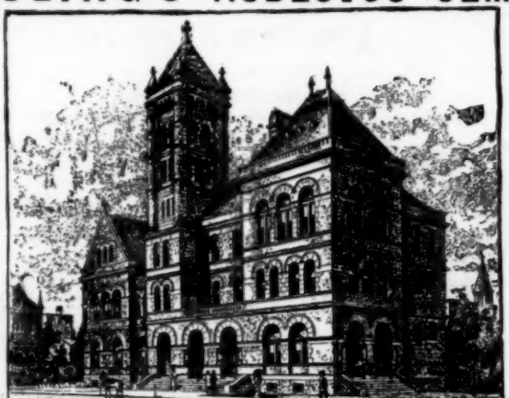

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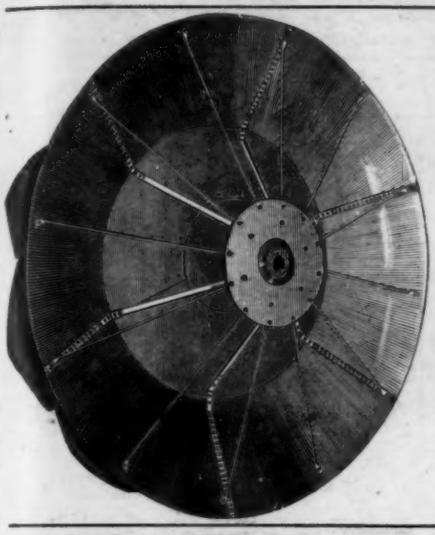

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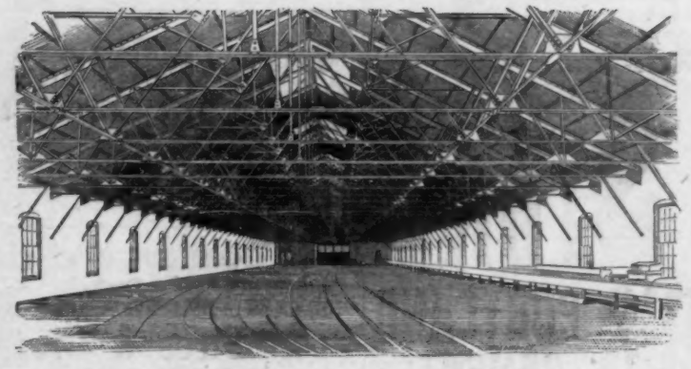

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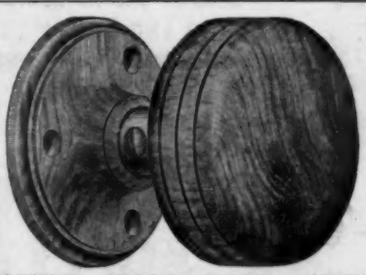

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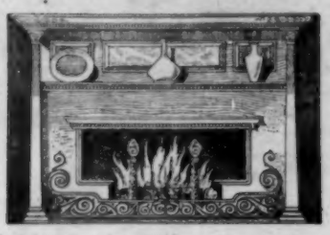

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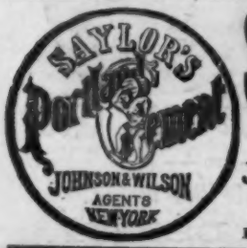

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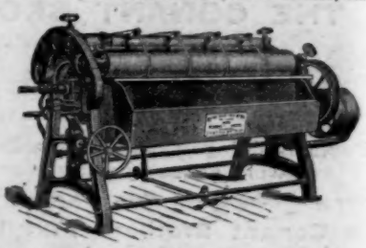

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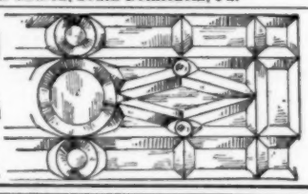

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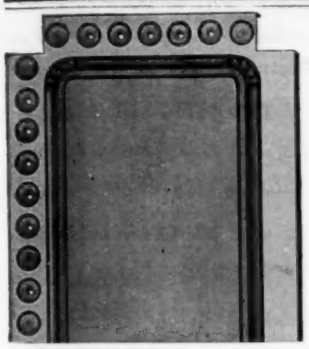

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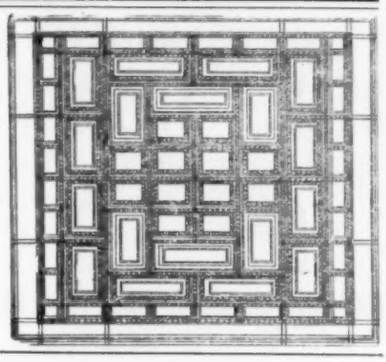

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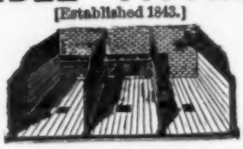

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Common: *Cargo afloat.*				In Yard.
Pale	2 50 @ 2 75	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 50 @ 5 50	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	{ @ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not so'd.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 00	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
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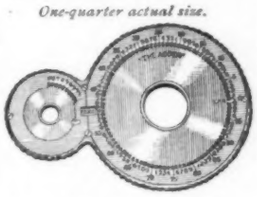

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Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	}
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	}
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading.	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
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" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1¾ @ 2¼	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	53 @ 56	56 @ 57	57 @ 60	@ 60
" " boiled (℔ gal.)	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine (℔ gal.)	41 @ 42	43 @ 44	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	2 25 @ 2 60	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1¼ @ 2
Litharge, Am	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4" x 4" ...(℔ doz. pairs.)				
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish...(℔ pair)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7¼	@ 7	@ 6¼
Lead Pipe	@	@ 7	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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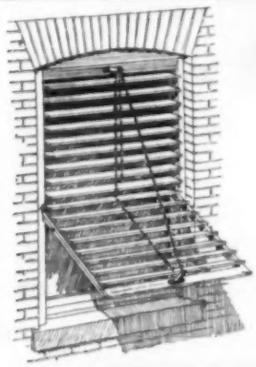

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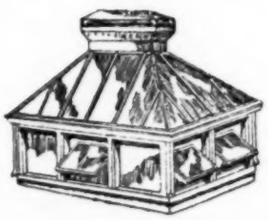

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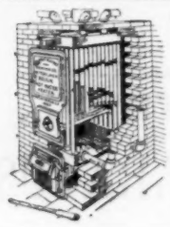

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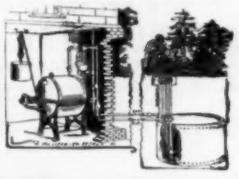

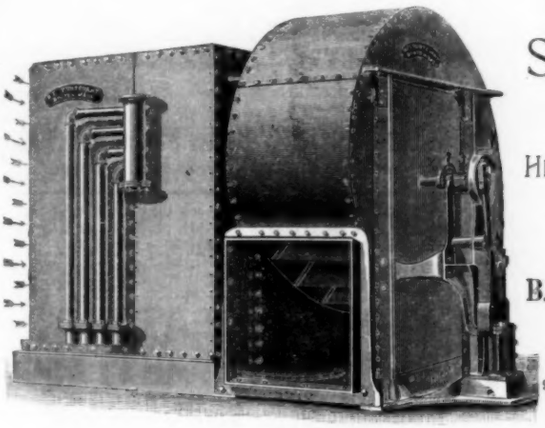

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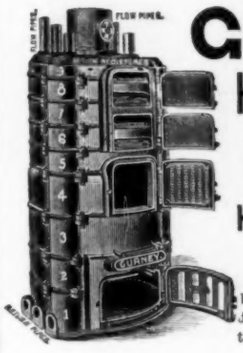

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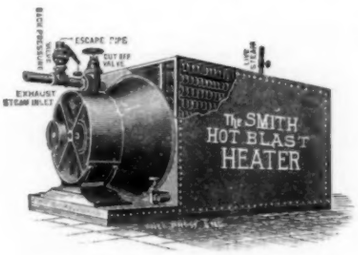

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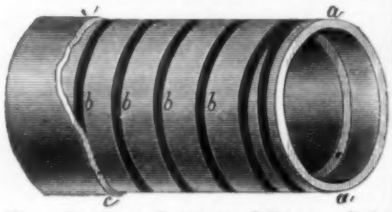

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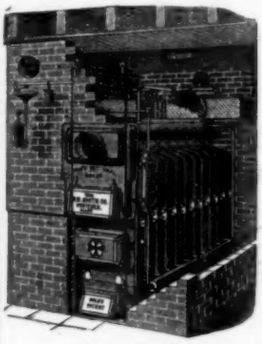

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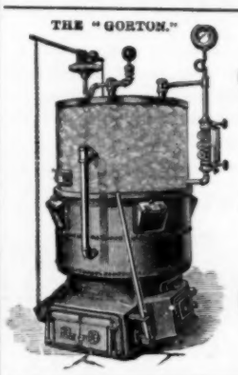

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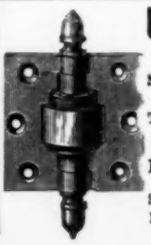

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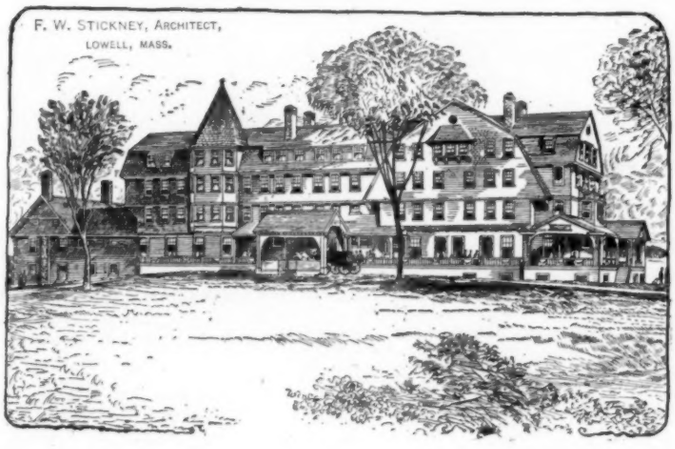

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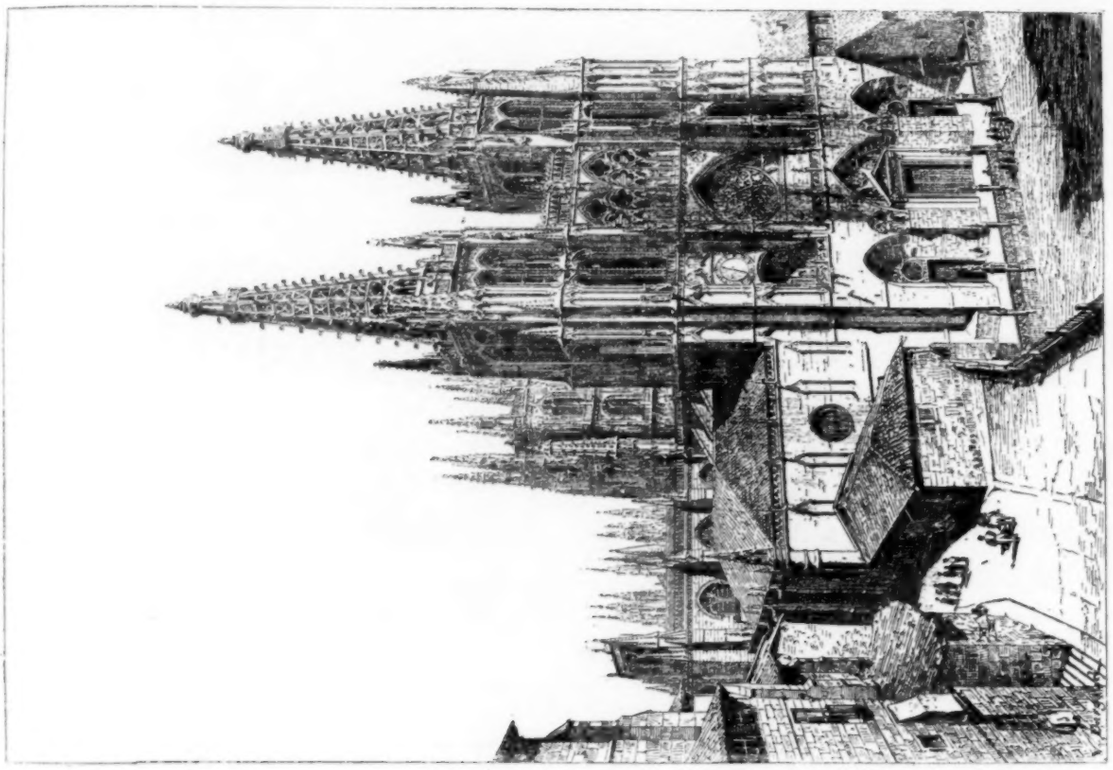

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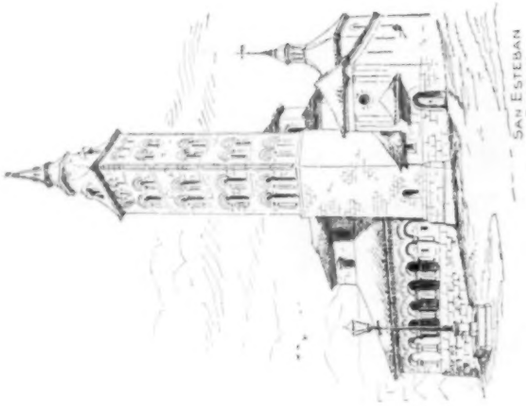

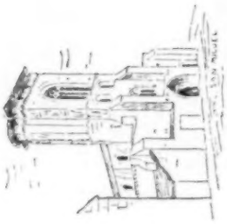

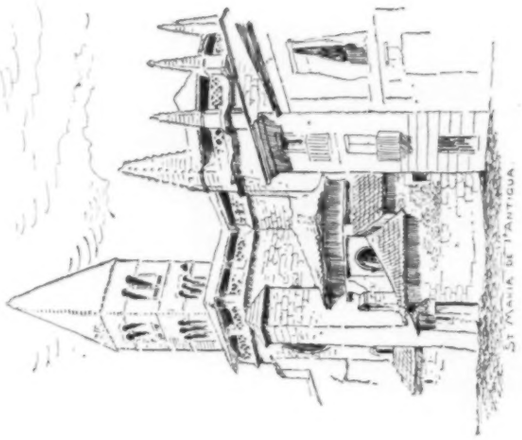

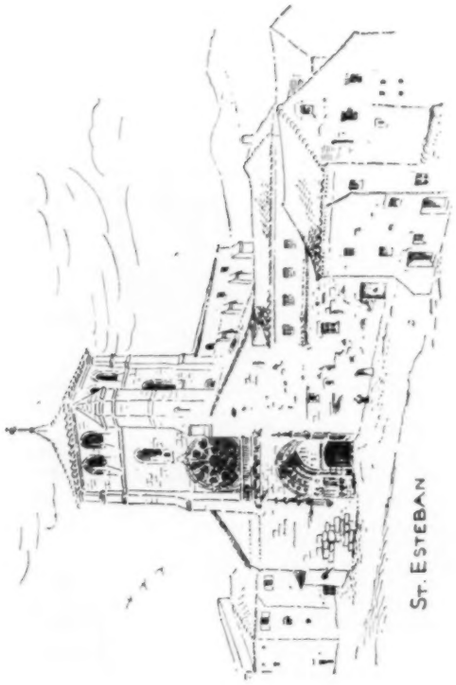

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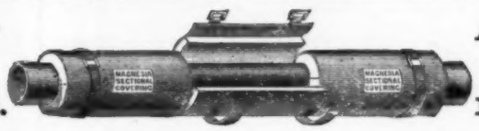

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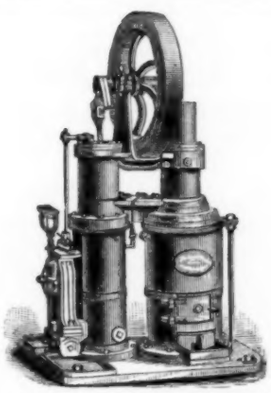

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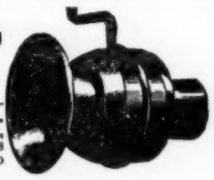

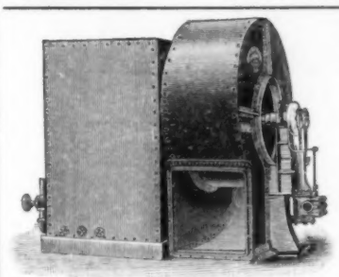

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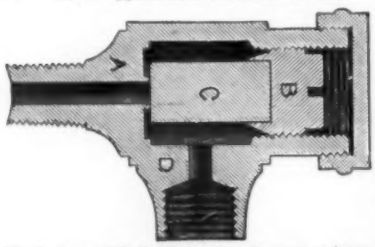

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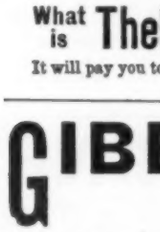

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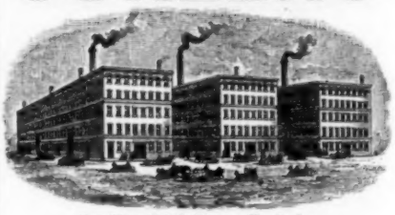

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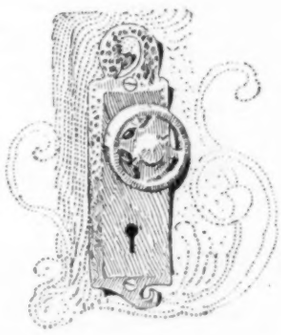

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CATALOGUES.—Branch office of F. S. Newman, Architect, 77 Pearl Street, Hartford, Conn., would be pleased to receive catalogues and samples from the trade. t.f.

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BUILDING PATENTS.

[*Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.*]

449,656. Shutter-Worker.—Gustave Andreen, Omaha, Neb.
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449,737-738. Paper Building Material.—Silas H. Hamilton, Philadelphia, Pa.
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449,769. Water-Closet Valve.—William H. Ward, Boston, Mass.
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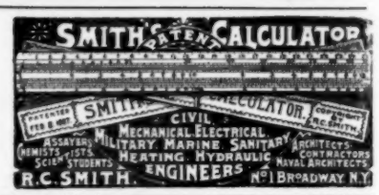
449,916. Door-Check.—Benjamin T. Raisor, Chicago, Ill.



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450,081-082. Window-Frame.—Frank Mesker and Thomas O. Arbegust, St. Louis, Mo.
450,094. Apparatus for Treating Sewage.—Asher F. Black, Malden, Mass.
450,115. Door-Knob.—Warren H. Taylor, Stamford, Conn.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING APRIL 24, 1891.

From Antwerp.—Ship "*Stella*," 5,600 barrels cement, order. Steamer "*Waesland*," 4,000 barrels cement, E. Thiele; 18 blocks marble, Davidson & Sons; 3 do., Taber & Co.; 1,000 barrels cement, order.

From Bremen.—Steamer "*Mounts Bay*," 3,440 casks Portland cement, order.

From Copenhagen.—Steamer "*Island*," 500 barrels cement, H. Marquardt & Co.

From Glasgow.—Steamer "*Ethiopia*," 80 boxes granite, Henderson Bros.; 14 do., Davidson & Son Marble Co.; 59 do., W. C. Townsend; 6 do., Tice & Lynch. Steamer "*Pomeranian*," 215 cases granite, Austin, Baldwin & Co.; 9 do., M. A. Meyers; 20 blocks stone, order.

From Hamburg.—Steamer "*Boskenna Bay*," 574 casks cement, E. Thiele; 1,125 do., Nevada Bank; 1,500 do., Chr. Fantan. Steamer "*Suevia*," 100 casks cement, James E. Ward & Co. Steamer "*Taormina*," 1,700 barrels cement, Nevada Bank. Steamer "*Wieland*," 1,680 casks cement, E. Thiele. Ship "*Johann Friedrich*," 2,100 casks cement, Emil Kauter; 1,120 do., E. Thiele.

From Hull.—Steamer "*Hindoo*," 279 casks bricks, Meeker & Carter.

From Leghorn.—Bark "*Teresina Bruno*," 54 blocks marble, Pells & Co.; 17 do., 563 slabs do., order.

From London.—Steamer "*France*," 500 casks cement, Chas. J. Stevens; 17 pieces mahogany, R. F. Downing & Co.; 1,000 casks cement, 1,550 do., order. Bark "*Avoca*," 1,000 casks cement, Hammill & Gillespie; 500 do., Bank of British North America; 3,500 do., Howard Fleming.

From Marseilles.—Steamer "*Alesia*," 500 barrels cement, Kroff & Co.

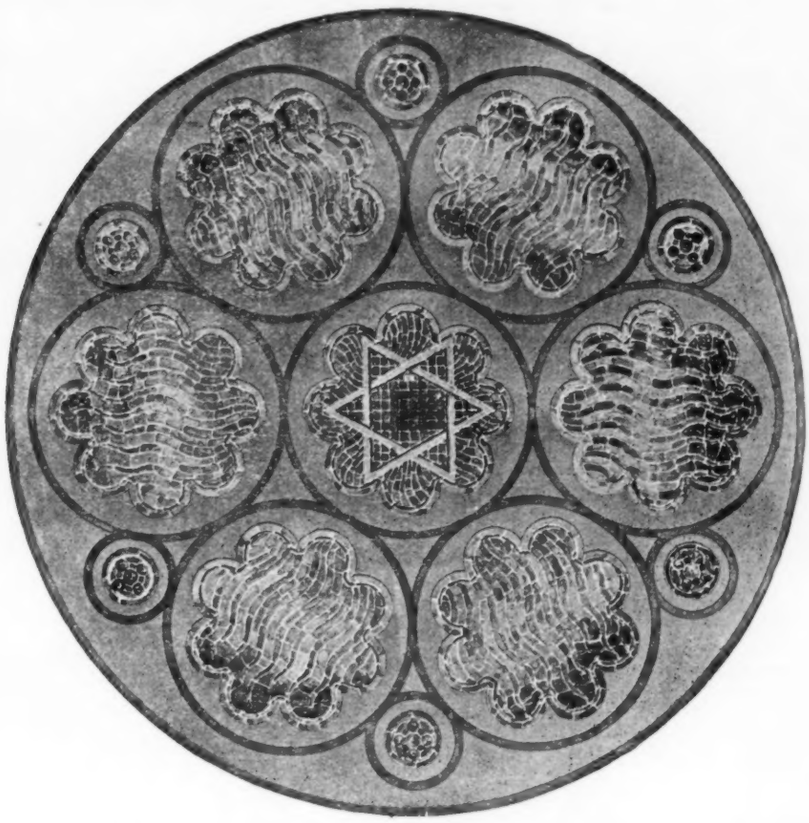
From Nuevitas.—Schooner "*Avenger*," 52 pieces mahogany, 655 do. cedar, H. W. Peabody & Co.

From Rotterdam.—Steamer "*Obdam*," 1,000 casks cement, Chas. H. Spencer; 1,000 casks cement, E. Thiele.

From Walton, N. S.—Schooner "*Grecian Bend*," 375 tons plaster, J. F. Whitney & Co.

From Windsor, N. S.—Schooner "*Wentworth*," 600 tons plaster, J. F. Whitney & Co.

From Zaza.—Schooner "*Daisy E. Parkhurst*," 1,966 logs cedar, 1 do. mahogany, 4 do. hard wood, W. W. Ehrich.



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We have recently completed work for the following Architects:

E. G. HALL,	Good Will Congregational Church, Syracuse, N. Y. Entire Decoration and Stained Glass.
E. G. HALL,	First Presbyterian Church, Jamestown, N. Y. Entire Decoration.
J. O'ROURKE,	St. Patrick's Cathedral, Newark, N. J. Decoration of Chancel.
M. N. CUTTER,	Trinity Church, Seymour, Conn. Memorial Chancel.
L. B. VALK & SONS,	Grace Church, Watertown, N. Y. Entire Stained Glass, Color Decoration and Chancel Arrangement.
J. H. LINDSLEY,	St. Paul's M. E. Church, Newark, N. J. Entire Decoration and Large Memorial Window.
W. P. WENTWORTH,	Trinity Church, Watertown, N. Y. Entire Stained Glass, Decoration and Chancel Arrangement.
E. G. W. DIETRICH,	Dutch Reformed Church, Warwick, N. Y. Entire Stained Glass and Decoration.
WILSON BROS.,	St. Mary's Church, Wayne, Pa. Entire Decoration, Stained Glass and Chancel Arrangement.

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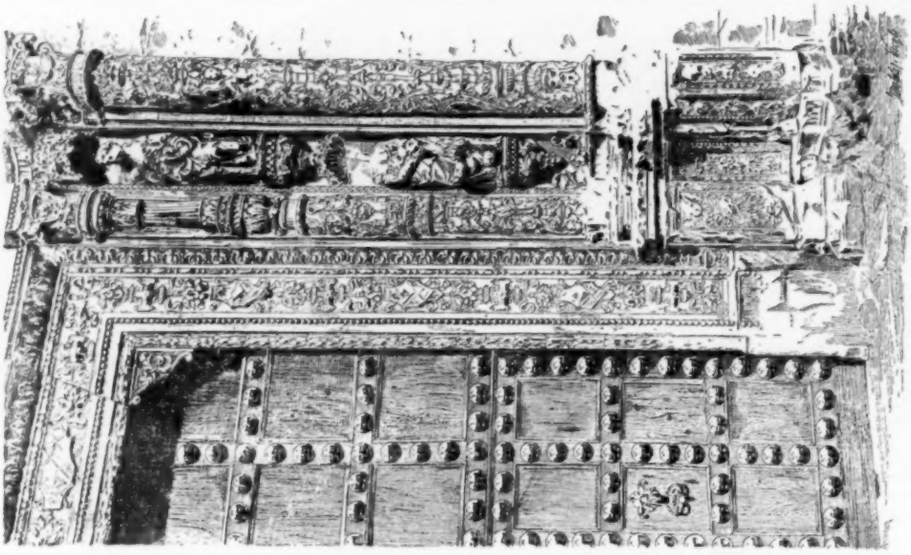
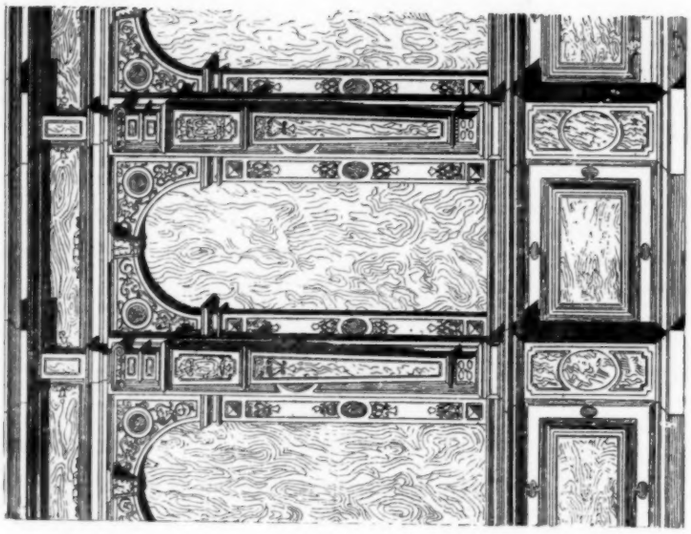
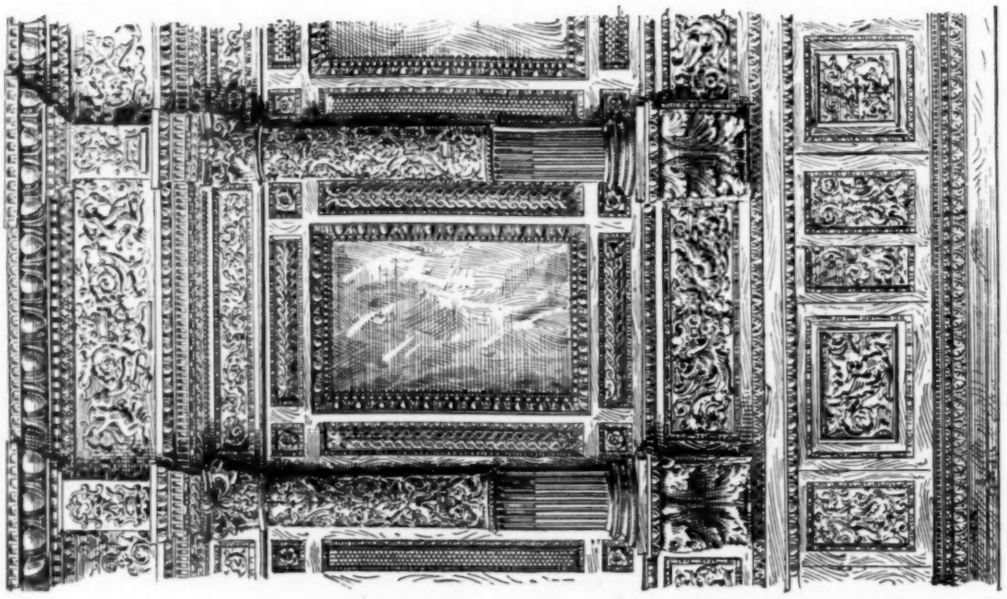


Doorway, Hospital of Santa Cruz, Toledo.



Decoration in the Castle of Ambras, Austria.



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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Chicago, Ill.—Mrs. Spells, two-st'y addition, 1626-28 Clark St.; cost, $5,000.

Samson Steam Forge Co., repairs for fire damages, Sacramento and Carroll Aves.; cost, $4,000.

Sessegi Bridge Works, one-st'y addition, Clybourn Ave. and Wrightwood St.; cost, $3,000.

Frank B. Bast, three-st'y addition and alteration of store, etc., 15-19 Quincy St.; cost, $125,000.

James Morgan, two-st'y addition, 5200 West End Ave.; cost, $3,060.

Detroit, Mich.—A. C. Varney & Co., three-st'y brick addition to 93 Michigan Ave.; cost, $5,000.

Minneapolis, Minn.—West Side Power Co., addition to power station, foot Third Ave., n, and River St.; cost, $10,000.

New Bedford, Mass. — *Union St.*, cor. Fourth St., alterations to the Rickertson estate; uniting two stores, putting in new store fronts, removing inside walls and enlarging dry-goods store for Knowles & Co.; offices in upper stories; cost, abt. $20,000; contractors: Wm. L. Clark & Co., mason-work; Angus MacDonald, carpentry-work; Chelmsford Foundry Co., iron-work; Smith & Anthony, steam-heating apparatus; architect, J. Merrill Brown, Boston.

Philadelphia, Pa. — *Snyder Ave.*, n s, w Seventh St., addition to church; contractor, Thomas Bryan.

Fourth St., e s, s Brown St., addition; contractor, Charles Auchter.

Girard Ave., *No.* 1007, addition; contractors, J. Wilson & Sons.

Germantown Ave., *No.* 2716, alteration; owner, R. B. Clark.

Delaware Ave., e s, n Poplar St., addition; contractor, Joseph Johnson.

Callowhill St., *No.* 1935, alterations; owner, John C. Kelly.

Fifty-sixth and Vine Sts., alterations; owner, Edwin T. Beau.

BUILDING INTELLIGENCE.

Federal St., *No.* 1900, addition; owner, Thomas Hockney.

Meadow St., s Tackawanna St., alteration; contractor, W. W. Worrell.

Paul St., n Unity St., addition; contractor, W. W. Worrell.

Carpenter St., addition to railroad station; contractors, C. H. Kohl & Bros.

Eleventh St., n e cor. Filbert St., alteration; contractor, James Bird.

Fortieth and Mount Vernon Sts., addition; owner, Patrick E. Rehill.

Christian St., *No.* 707, alteration; owner, W. B. Strowalter.

Main St. and Green Lane, addition; *Green Lane*, *No.* 188, addition; contractor, John W. Fritzinger.

Twenty-seventh St., n e cor. Willow Grove Ave., alteration; contractor, Jacob Uhle, Jr.

Worcester, Mass. — *Front St.*, one-st'y brick addition; owners, Worcester Horticulture Society; contractor, B. W. Stone; architects, Fuller & Delano.

APARTMENT-HOUSES.

Chicago, Ill. — Albert Ohlhorst, 2 two-st'y flats, 397 North Leavitt St.; cost, $6,000.

F. H. Schau, 4 two-st'y flats, 58 West Huron St.; cost, $11,500.

Mrs. A. M. Lindgren, three-st'y flats, 346 Belden Ave.; cost, $14,000.

C. W. Leneco, three-st'y flats, 358 Belden Ave.; cost, $8,000.

H. Wehmoller, two-st'y flats, 3033 Portland Ave.; cost, $3,000.

A. J. Aubery, three-st'y flats, 159 Thirty-eighth cost, $6,000.

Peter Kilauf, two-st'y flats, 4724 Wabash Ave.; cost, $3,500.

John Fenel, 4 two-st'y flats, 31 Zion Pl.; cost, $9,000.

Mrs. D. McGuire, three-st'y flats, 127 Cleveland Ave.; cost, $4,000.

P. Breman, three-st'y flat, 27 Arlington Ave.; cost, $10,500.

William Mahoney, two-st'y flats, 4517 Wabash Ave.; cost, $4,000.

V. Esda, four-st'y flats, 815 Ashland Ave.; cost, $10,000.

R. H. Rudolph, 8 two-st'y flats, 1490-1514 West Nineteenth St.; cost, $32,000.

W. Clark, three-st'y flats, 3626 Butterfield St.; cost, $3,500.

BUILDING INTELLIGENCE.

Schwachow & Schmidt, two-st'y flats, Bradley Pl., near Halsted St.; cost, $8,000.

J. A. Anderson, 3 two-st'y flats, 1216-20 Mariana St.; cost, $9,000.

Alexander Ropito, three-st'y flats, 46 Cornell St.; cost, $7,000.

John Trich, four-st'y flat, 29 Bismarck St.; cost, $3,000.

E. Chrenetine, three-st'y flats, 488 West Taylor St.; cost, $4,800.

John Kureman, two-st'y flats, Garfield St. and Lawrence Ave.; cost, $3,500.

G. A. Stevenson, three-st'y flats, Seventieth St. and Oglesby Ave.; cost, $5,800.

Herman Petrie, two-st'y flats, 5209 Ashland Ave.; cost, $2,500.

Jacob Kaross, two-st'y flats, 230 Forty-sixth St.; cost, $1,000.

Peter Pulver, two-st'y flats, 116 De Kalb St.; cost, $3,500.

M. Hennessy, two-st'y flats, 3203 Fifth Ave.; cost, $2,500.

M. Rose, two-st'y flats, Hoyne Ave., near School St ; cost, $1,600.

Frank Lindberg, two-st'y flats, State and One Hundred and Ninth Sts.; cost, $2,300.

Christ. Lindberg, two-st'y flats, Curtis Ave. and One Hundred and Thirteenth St.; cost, $2,000.

C. Dargie, two-st'y flats, 126 Richmond St.; cost, $3,000.

H. Hance, two-st'y flats, 1563 Lee Ave.; cost, $2,800.

Charles A. Shaw, two-st'y flats, 496 Forty-second St.; cost, $4,000.

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C. Zimmerman, two-st'y flats, 4719 Wood St.; cost, $1,800.

Joseph Boehr, two-st'y flats, 5637 La Salle St.; cost, $2,500.

John Coughlin, 6 three-st'y flats, 66-74 Vernon Park Pl.; cost, $30,000.

W. J. O'Rourke, two-st'y flat, 631 Flournoy St.; cost, $3,200.

Clark & Hammond, seven-st'y flat, Berkley Ave. and Forty-second St.; cost, $100,000.

P. Krotenhafen, two-st'y flat, 291 Cleveland Ave.; cost, $3,500.

J. P. Lansner, three-st'y flat, 613 Larrabee St.; cost, $4,000.

Julius Huber, four-st'y flat, 371 Chestnut St.; cost, $6,000.

J. Gorgwoda, three-st'y flats, 849 Thirty-second St.; cost, $4,500.

C. W. Franz, two-st'y flats, Kedzie St. and Ogden Ave.; cost, $3,500.

New York, N. Y.—*One Hundred and Twentieth St*, s s, 100′ w First Ave., 2 five-st'y apartment-houses; cost, $32,000; owner, Miss Hattie Williams; architect, R. E. Rogers.

Eighty-fourth St., n s, bet. Ninth and Tenth Aves., 5 five-st'y brick, stone and terra-cotta flats; cost, $36,000; owners, John Livingston & Son; architect, F. T. Camp.

Eighth Ave., e s, bet. Fifteenth and Sixteenth Sts., 8 five-st'y brick, stone and terra-cotta flats; cost, $276,000; owners, Weil & Meyer; architects, Schneider & Herter.

Fifty-first St., s s, 127′ e Eighth Ave., 3 five-st'y brick and stone flats; cost, $66,000; owner, Alexander Moore; architect, George Keister.

CHURCHES.

Philadelphia, Pa.—*Wyoming St.*, e Front St., two-st'y frame church; contractor, Wm. D. Mensing.

FACTORIES.

Philadelphia, Pa.—*Dauphin St.*, s s, e Frankford Ave., three-st'y factory; contractor, Philip Haibach.

Nineteenth St., e s, s Parrish St., five-st'y factory; contractor, Wm. R. Dougherty.

Orleans St., s s, w Frankford Ave., two-st'y factory; owner, Henry Gill.

St. Louis, Mo.—Two-st'y brick boiler factory; cost, $8,000; owner, J. F. Wangler; contractor, J. Luivrim.

HOUSES.

Boston, Mass.—*Beacon St., No.* 460, Ward 11, three-st'y brick dwell., pitch roof, 25′ x 65′; owner, G. H. Davenport; builders, Connery & Wentworth.

West Sixth St., No. 76, Ward 13, three-st'y frame dwell., flat roof, 21′ x 36′; owner, Patrick Cronin; builder, P. F. Hanlon.

Dickens St., near Adams St., Ward 24, frame dwell., 26′ x 47′; owner, Samuel Pickford; builder, H. P. Oakman.

Pierce Ave., near Adams St., Ward 24, frame dwell., 25′ x 46′; owner and builder, M. J. Levins.

Wausmbeck St., No. 24, Ward 21, frame dwell., 28′ x 47′; owner and builder, S. C. Lord.

Hawthorne St., near St. James St., Ward 21, three-st'y frame dwell., flat roof, 25′ x 47′; owners, P. B. Smith heirs; builder, Peter Hutchinson.

East Sixth St., Nos. 531-541, Ward 14, 2 three-st'y frame dwells., flat roofs, 26′ x 50′; owners, Webb Associates; builders, L. H. Dunn & Co.

Bradbury St., near Franklin St., Ward 25, frame dwell., 25′ x 30′; owner, Laura R. Cates; builders, Alcock & McKay.

Minot St., near Frederika St., Ward 24, four frame dwells., 19′ x 40′; owner and builder, F. L. Pierce.

Tolman St., Ward 24, frame dwell., 25′ x 35′; owner, Thomas Murray; builder, Francis Duffy.

Laurial Ave., near Lauriat St., Ward 24, frame dwell., 21.3′ x 25′; owner, H. B. Blackwell; builders, J. A. Vickery & Son.

School St., cor. Egleston St., Ward 23, frame dwell., 24′ x 50′; owner, T. E. Taylor; builder, P. Schneider.

Kittredge St., near Albano St., Ward 23, frame dwell., 23′ x 40′; owner, Henry Miller; builders, Sittig Bros.

Adams St., cor. Rosemont St., Ward 24, frame dwell., 25′ x 45′; owner, W. R. Noone; builder, H. B. Rankin.

Bennington St., cor. Prescott St., Ward 1, two-st'y frame dwell. and store, flat roof, 19.9′ x 48.6′; owner, John Mulloy; builder, T. H. Newby.

Walter St., near South St., Ward 23, frame dwell., 22.9′ x 31′; owner, Henry L. Libby; builders, Cassidy & Davies.

Sarsfield St., Nos. 30-38, Ward 19, 4 three-st'y brick dwells., flat roofs, 20′ x 32′; owner, Lomer Lahaise; builders, Bousquet & Pepin.

Pomeroy St., near Gorden St., Ward 25, three-st'y frame dwell., pitch roof, 25.6′ x 52′; owner and builder, D. Baldwin.

Florence St., near Ashland St., Ward 23, one-st'y frame dwell., mansard roof, 16′ x 40′; owner and builder, G. Havey.

Warner Ave., near Coolidge Ave., Ward 24, frame dwell., 23′ x 45′; owner and builder, G. F. Pinkham.

South Fairview St., near Brookfield St., Ward 23, frame dwell., 22′ x 42′; owner, Edward Orchard; builder, P. M. Brown.

Boylston St., cor. Egleston St., Ward 23, three-st'y frame dwell., pitch roof, 24′ x 52′; owner, Elizabeth Coulter; builder, Valentine Bock.

Washington St., near Dudley St., Ward 23, frame dwell., 22′ x 42′; owner, William Orchard; builder, P. M. Brown.

Lamartine St., near Boylston St., Ward 23, three-st'y frame dwell. and store, flat roof, 26′ x 50′; owner, Leopold Vogel; builder, Jacob Luippold.

Chicago, Ill.—P. E. Evans, two-st'y dwell., 1029 Evanston Ave.; cost, $4,300.

Mrs. Mary Ritter, two-st'y dwell., 1734 Melrose St.; cost, $3,000.

George Williams, 2 four-st'y dwells., 1280 West Adams St.; cost, $10,000.

C. R. Crane, three-st'y dwell., 3932 Grand Boulevard; cost, $18,000.

S. S. Beman, 2 two-st'y dwells., 6112 South Park Ct.; cost, $6,500.

Joseph F. Bowen, dwell. and barn, 132-134 Astor St.; cost, $35,000.

Mrs. C. A. Kapp, 3 three-st'y dwells., 5110-5114 Jefferson Ave.; cost, $20,000.

F. Madlenar, two-st'y dwell., Fullerton St. near Clark St.; cost, $3,000.

Barry Brothers, 5 two-st'y dwells., 4050-4058 Grand Boulevard; cost, $75,000.

D. Ensign, two-st'y dwell., 6100 Woodlawn Ave.; cost, $5,000.

Cincinnati, O.—John Gellhams, two-and-one-half-st'y dwell., Harrison Ave.; cost, $3,200; architect, Martin Fisher.

B. Middlecamp, two-and-one-half-st'y dwell., Colrain Ave.; cost, $5,500; architects, G. & A. Brink.

Wm. Rehy, owner and architect, two-and-one-half-st'y dwell.; cost, $3,000.

Wm. & Herman Herlinger, two-and-one-half-st'y dwell., Guy St.; cost, $3,600; architect, Charles Diss.

Milton, Mass.—*Near Pleasant St.*, frame dwell., 42′ x 50′; owner, F. E. Cabot; contract to be let; architects, Cabot, Everett & Mead, Boston.

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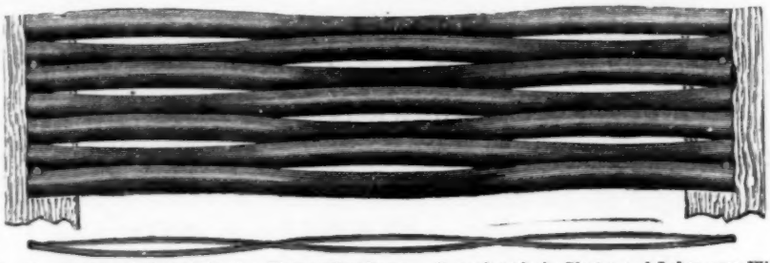

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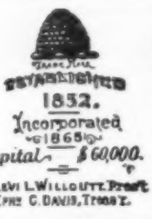

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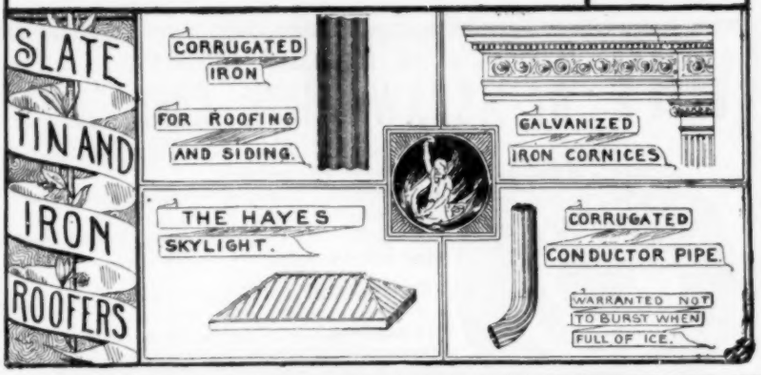

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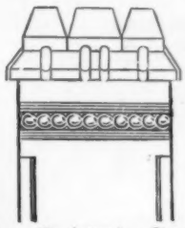

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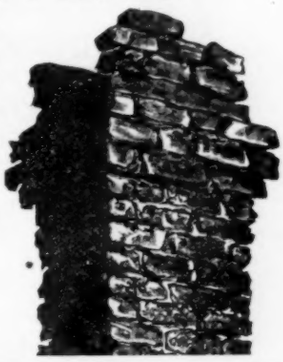

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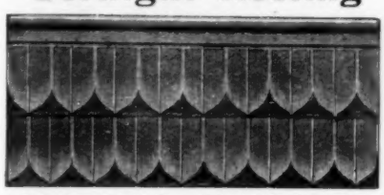

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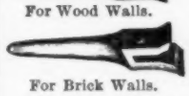

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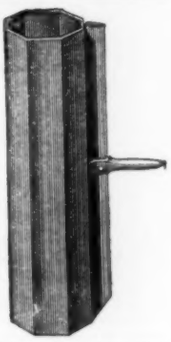

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Osborn St., e s, 175′ n Sutter Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner, Elias Kaplan, Watkins St.

Watkins St., w s, 175′ n Sutter Ave., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, Elias Kaplan, Watkins St.

Fifth Ave., n e cor. Berkeley Pl., four-st'y brick store and dwell., cement and gravel roof; cost, $10,000; owner, G. A. Schenck, 187 Fifth Ave.; architect, W. M. Coots, 26 Court St.

Stanhope St., n s, 225′ Hamburg Ave., three-st'y frame store and dwell., tin roof; cost, $4,200, owner, Wm. Berlinger, 169 Stanhope St.; architect, Henry Vollweiler, 486 Hart St.

Liberty Ave., s w cor. Alabama Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $9,500; owner, Fred Hohmeyer, 12 Alabama Ave.; architect, Th. Engelhardt, 905 Broadway.

Eighth Ave., n e cor. Sixteenth St., three-st'y brick store and dwell., tin roof; cost, $10,000; owner, architect and builder, E. J. Bedell, 26 Court St.

Seventh Ave., s e cor. Second St., 4 four-st'y brick stores and dwells., tin roofs; cost, $40,000; owner, George McGill, 186 Seventh Ave.; architect, Henry Vollweiler, 486 Hart St.

Clinton St., s w cor. President St., four-st'y brick store and dwell., cement and gravel roof; cost, $7,500; owner, Daniel Buckley, 39 Sterling Pl.; architect, W. M. Coots, 26 Court St.

Reid Ave., w s, 25′ n Halsey St., 3 four-st'y brick stores and flats, tin roofs; cost, $11,500 each; owner, George W. McCormick, 789 A Willoughby Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Debevoise St., s s, 200′ e Graham Ave., four-st'y brick store and dwell., tin roof; cost, $10,000; owner, J. Schultheis, 14 Graham Ave.; architect, Frank Holmberg, 1161 Broadway.

Third Ave., n e cor. Forty-ninth St., four-st'y brick store and dwell., tin roof; cost, $9,000; owner, John D. Holsten, 230 Forty-seventh St.; architect, Thos. Bennett, Third Ave. and Forty-ninth St.

Chicago, Ill. — M. Solon, two st'y store and flats, 51 Aberdeen St.; cost, $3,000.

Mrs. E. Lattou, two-st'y store and dwell., 845 Forty-fifth St.; cost, $3,800.

A. W. Rowley, three-st'y store and flats, 3818 La Salle St.; cost, $3,000.

Otto Ecker, two-st'y store and dwell., Sixty-ninth and Halsted Sts.; cost, $4,000.

Charles Halzotel, three-st'y store and flats, 558 West Division St.; cost, $6,000.

Cincinnati, O. — Philip Ross, three-st'y store and dwell., Ravine and Conroty Sts.; cost, $6,000; architects, Band & Kuntz.

New York, N. Y.— *Mercer St., No.* 235, six-st'y brick store, tin roof; cost, $40,000; owners, Samuel & Henry Corn, 23 East One Hundred and Twenty-eighth St.; architect, Alfred Zucker, Union Square.

Laight St., No. 24, *and Vestry St., No.* 3, six-st'y brick store building, tin roof; cost, $30,000; owner, Helen C. Juilliard, 16 West Fifty-seventh St.; architect, Richard Berger, 110 Leonard St.

Broadway, No. 915, six-st'y brick, stone and terra-cotta store; owners, M. H. Schieffelin & Co.; architect, Edward H. Kendall.

Worcester, Mass. — *Millbury St.*, one-st'y frame store; owner, W. Racer; contractor, J. G. Vandreuil.

TENEMENT-HOUSES.

New York, N. Y. — *One Hundred and Sixty-ninth St.*, s s, alongside the N. Y. C. & H. R. R., called Vanderbilt Ave., three-st'y brick tenement, tin roof; cost, $11,000; owner, Jacob Pfeiffer, One Hundred and Sixty-ninth St., near Railroad Ave.; architect, Fred J. Miller, 599 Morris Ave.

BUILDING INTELLIGENCE.

East Thirty-eighth St., No. 311, five-st'y brick tenement, tin roof; cost, $14,000; owner, Christian Stoeher, 710 Second Ave.; architect, Ernest W. Greis, 36 Union Square.

WAREHOUSES.

Baltimore, Md.—Frederick Wineke will build three-st'y brick warehouse, Camden St., n s, w Light St.

Spear Bros. will build 2 five-st'y warehouses, Sharp St., w s, near Lombard St.

Brooklyn, N. Y. — *Orient St.*, s s, 25′ e Porter Ave., one-st'y brick oil storage warehouse, iron and slate roof; cost, $13,100; owners, Equity Gas Light Co.; architect, W. P. Elliott, Maspeth and Porter Aves.

Chicago, Ill. — F. A. Helm, four-st'y storage warehouse, 56 North Western Ave.; cost, $4,500.

Montgomery, Ala.—Warehouse to cost $20,000 will be built by Messrs. Schloss & Kohn.

St. Louis, Mo. — One-st'y frame warehouse; cost, $5,000; owners and contractors, St. Louis Stamping Co.

MISCELLANEOUS.

Aransas Pass, Texas. — An opera-house to cost $25,000 is contemplated.

Cincinnati, O. — Cincinnati Street Railroad Co., station and power house, Eastern Ave.; cost, $16,000; architect, Bert Baldwin.

Philadelphia, Pa. — *Gillingham St.*, n s, w Lackawanna St., one-st'y office; contractor, Joseph P. Yerkes.

Thirty-first St., e s, n Jefferson St., one-st'y chemical building; contractors, Jones & Coleman.

South Thirtieth St., No. 195, engine house; contractor, R. Wood.

Walnut St., No. 1606, one-st'y office; contractor, Rowland Smedley.

Washington St., e Morton St., green-house; contractor, Wm. H. Kester.

Hutchinson St., s Cambria St., one-st'y office and wall; contractors, Geo. W. Ruch & Co.

Marshall St., w s, n Cambria St., dry kiln; contractor, Daniel Adams.

South St., s s, w Fourth St., boiler house; contractors, Stacey Reeves & Son.

Trenton Ave., e s, n York St., four-st'y brewery; contractor, Philip Haibach.

Baring St., No. 3301, conservatory; owner, Coleman Sellers.

Race St., No. 1125, two-st'y storage building; contractor, Robert Stokes.

York Ave., n e cor. Thompson St., two foundries and stable; contractor, J. Springer.

Berks St., n e cor. Eighth St., two-st'y preserving house; owners, J. O. Schimmel Preserving Co.

Susquehanna Ave., e Nineteenth St., one-st'y office; contractor, Frank Deitrich.

Rittenhouse St., w Germantown Ave., carriage house; owner, Thomas J. Sharp.

Thirty-first St., w s, n Girard Ave., boiler and engine house; contractor, Philip Haibach.

American St., n w cor. Oxford St., one-st'y store house; owners, A. M. Collins Manufacturing Co.

Columbia Ave., No. 2106, shop; contractor, F. J. Bird.

American St., s e cor. Somerset St., 2 two-st'y electric light buildings; contractor, Charles A. Porter.

Tenth St., s w cor. Carpenter St., three-st'y seminary; contractor, P. H. Somerset.

Frankford Ave., w s, s Jefferson St., patrol-house; contractor, Chas. O'Neill.

Fort Mifflin Light-house, piers for stable; contractor, Austin Urian.

BUILDING INTELLIGENCE.

St. Louis, Mo.— One-st'y frame annealing house; cost, $5 000; owners and contractors, St. Louis Stamping Co.

One-st'y frame tin house; cost, $14,000; owners and contractors, St. Louis Stamping Co.

One-st'y frame tin house; cost, $2,500; owners and contractors, St. Louis Stamping Co.

Two-st'y brick dry kiln; cost, $5,500; owner and contractors, Smith & Little.

Worcester, Mass. — *Gates St.*, one-st'y frame storehouse; owner, A. W. Smith; day work.

(*Continued in Supplement.*)

COMPETITION.

HOSPITAL, ETC.

[At Nashville, Tenn.]

At the April term of the Davidson County Court, at Nashville, Tenn., we were authorized to advertise for competitive plans, specifications and estimates of cost for the erection of two buildings, a hospital for the insane and a home for the poor of said county.

Those desiring to enter such competition may obtain full information as to character of structures, location, etc., by addressing R. R. Caldwell, County Judge, Nashville, Tenn.

All plans, specifications and estimates of costs must be in the hands of the Committee **on or before June 15, 1891.**

JOHN OVERTON,
B. A. PHILLIPS,
J. H. JORDAN,
W. P. JONES,
J. P. DAKE,
D. F. BANKS,
R. R. CALDWELL,
804 Committee.

PROPOSALS.

April 27, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 25th day of May, 1891, for all the labor and materials required for the approaches to the United States Custom-house, Post-office, etc., building at Galveston, Texas, in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Galveston, Texas. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Approaches to the United States Custom-house, Post-office, etc., at Galveston, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 802

April 24, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of May, 1891, for all the labor and materials required for decorative painting, etc., to the United States Court-house and Post-office building at Covington, Ky., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the

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PROPOSALS.

Decorative Painting, etc., to the United States Court-house and Post-office building at Covington, Ky.," and addressed to W. J. EDBROOKE, Supervising Architect. 802

IMPROVED SEWERAGE SYSTEM.
[At Providence, R. I.]
DEPARTMENT OF PUBLIC WORKS,
PROVIDENCE, R. I., April 11, 1891.

Sealed proposals will be received at this office **until 12 o'clock, noon, Thursday, May 7, 1891,** for building Sections 6, 7 and 9; also the sewers in Hamilton, Irving and Melrose Streets from Public Street to Bartlett Street; in Dexter Street from Cranston Street to Potter's Avenue; in Humboldt Avenue from a point 120 feet east of Taber Avenue to Wayland Avenue; in Wayland Avenue from Humboldt Avenue to a point about 200 feet south of Irving Avenue; thence easterly through land deeded to the city of Providence for highway purposes to Butler Avenue; thence easterly through Blackstone Park to the Seekonk River, in accordance with the forms of contract and specification to be furnished by the Commissioner of Public Works.

All proposals must be made upon the blank forms which will be furnished for that purpose.

The work is approximately indicated as follows:

Section.	Length in feet.	Size in inches.	Average depth cutting in feet.
6	2948	108 / 26 x 39 / double	24
7	2380	100 / 26 x 39 / 22 x 33 / double	18
9	2937	80 / 18 x 27 / 70 / 52 / double	20
Hamilton St.	760	46 x 69	19
	760	44 x 66	15
	1030	40 x 60	15
	990	38 x 57	19
	760	36 x 54	19.5
	450	30 x 45	20
Dexter St.	1390	66	18.5
	495	62	17
	615	56	16.5
	685	28 x 42	15.5
	685	26 x 39	15.0
Humboldt Av.	1400	62	6.0
	1400	48	13
	300	15	12.25
	900	12	12

Plans may be seen and specifications and form of contract can be obtained at the office of the City Engineer in Providence, R. I.

Each bidder is requested to give reference as to his business standing, and to state generally what experience he has had in such work as here proposed.

No bid will be considered unless accompanied by a certified check for the sum of one thousand dollars.

A satisfactory bond for a sum equal to about one-fifth of the estimated amount of the contract, conditioned upon the faithful performance of the contract, will be required of the successful bidder.

The right to reject any or all proposals is reserved.

ROBERT E. SMITH,
801 Commissioner of Public Works.

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JAMES TUCKER. Telephone No. 1223. FRANK A. TITUS

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GAS JET VENTILATOR.

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ALL TIMES
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For venting use vented outlet

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PATENT SEWER-GAS AND BACK-WATER TRAP,
For Wash-Bowls, Sinks, Bath and Wash-Tub
West Cleveland, O.

PROPOSALS.

April 24, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 20th day of May, 1891, for all the labor and materials, and fixing in place complete, the low-pressure, return-circulation, steam-heating apparatus required for the United States Custom-house building at Bristol, R. I., in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Custodian at Bristol, R. I. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating Apparatus for the United States Custom-house building at Bristol, R. I.," and addressed to W. J. EDBROOKE, Supervising Architect. 802

April 16, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 12th day of May, 1891, for all labor and material required for the excavation, the concrete foundations, the stone and brick work of the basement and area walls, first-floor beams and girders, and basement columns for the United States Court-house and Post-office building at Springfield, Mo., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Springfield, Mo. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Concrete Foundation, Stone and Brick Work of the Basement and Area Walls, Iron-work, etc., for the United States Court-house and Post-office at Springfield, Mo.," and addressed to H. C. McLEAN, Acting Supervising Architect. 801

April 20, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 14th day of May, 1891, for all the labor and materials required to complete the approaches to the United States Court-house, Post-office, etc., building at Key West, Fla., in accordance with drawing and specification, copies of which may be had on application at this office or the office of the Custodian at Key West, Fla. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Approaches to the United States Court-house, Post-office, etc., building at Key West, Fla.," and addressed to H. C. McLEAN, Acting Supervising Architect. 801

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[*See Alphabetical Index on page VII for Pagination.*]

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[Advertisers can be indexed only under a single head free of charge].

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Boston Bridge Works.
Chrome Steel Works, Brooklyn, N. Y. (eow)
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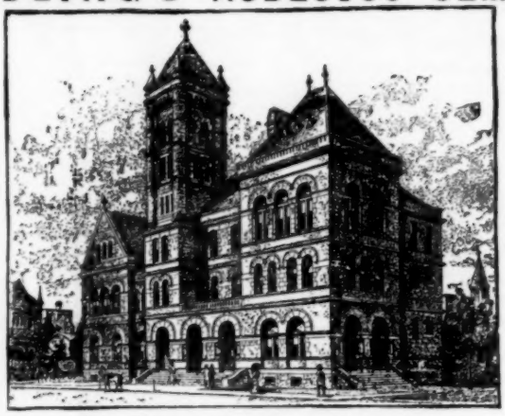

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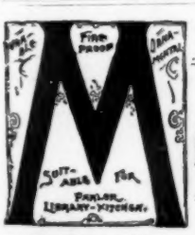

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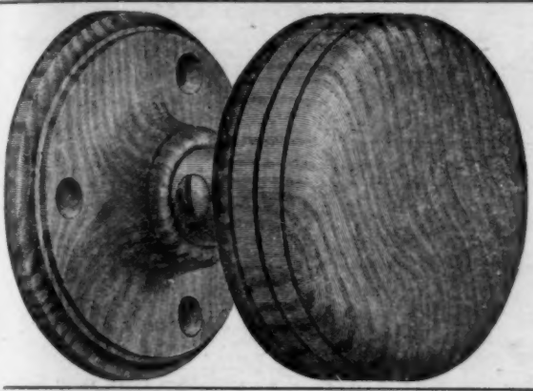

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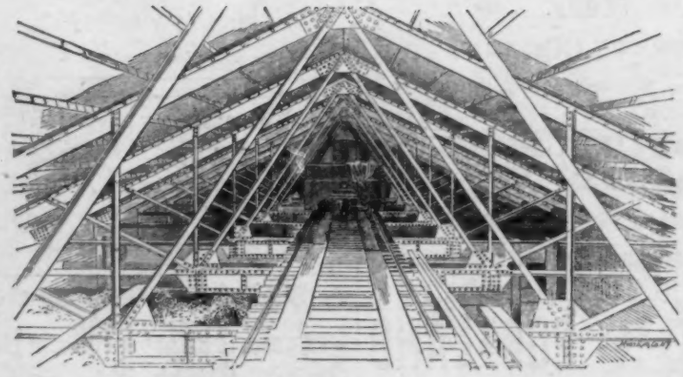

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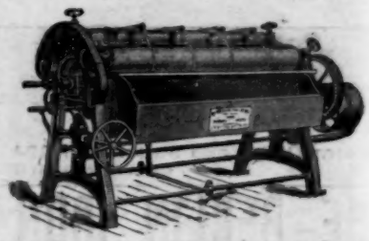

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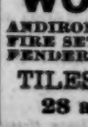

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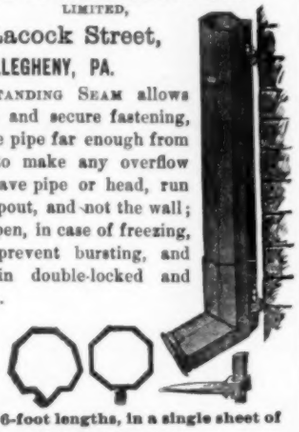

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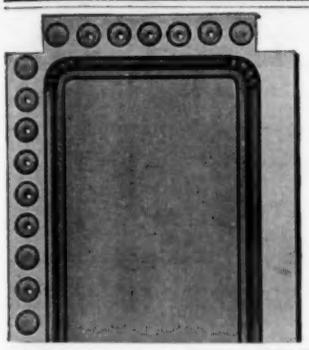

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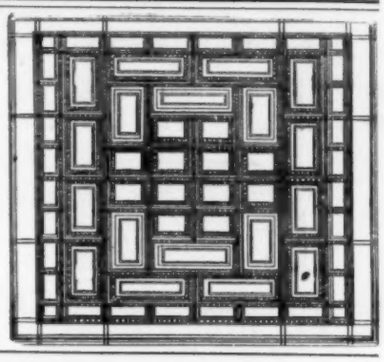

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Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	₱ 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*)				
Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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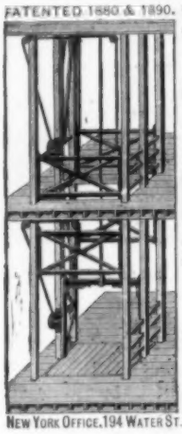

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BRICK.—₱ M.	New York. (*Wholesale Prices.*)	Boston.	Chicago. (*Prices to Builders and Contractors.*)	Philadelphia. In Yard.
Common: *Cargo afloat.*				
Pale	2 50 @ 2 75	Eastern	Building Brick	Sq. Hard @ 9 00
Jersey	4 50 @ 5 50	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia		Red "
" dark	@ 14 00	40 00 @ 45 00		@ 13 00
" red	@ 14 00	Phila. mould		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 10 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ @	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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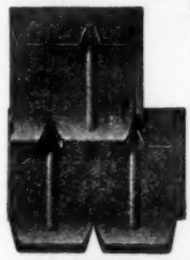

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Mortar Colors.				
Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gals.)	53 @ 56	56 @ 57	57 @ 60	@ 60
" " boiled (℔ gals.)	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine (℔ gals.)	41 @ 42	42 @ 43	51 @ 51	@ 44
Varnish, coach (℔ gals.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gals.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1¼ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt) (℔ cwt.)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " (℔ cwt.)	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hematite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	12½ @ 16
Sheet Lead	@	@ 7½	@ 7	@ 6¾
Lead Pipe	@	@ 7	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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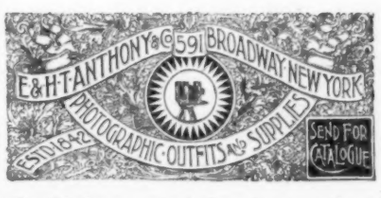

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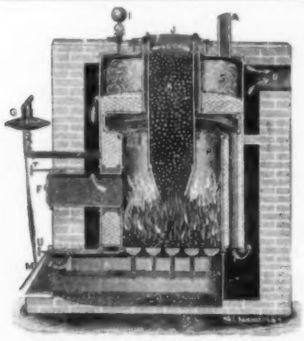

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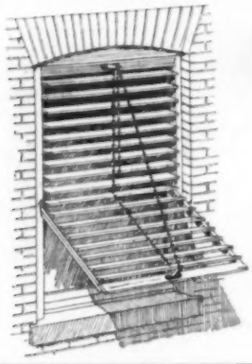

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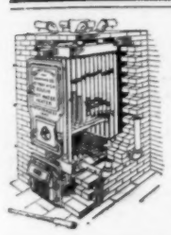

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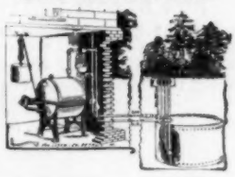

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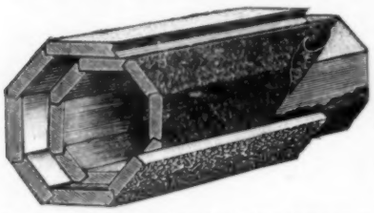

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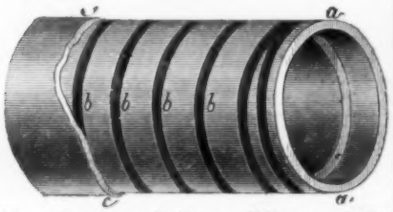

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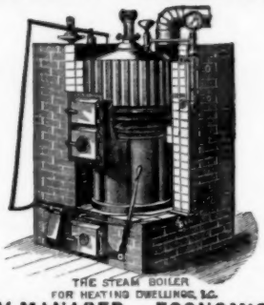

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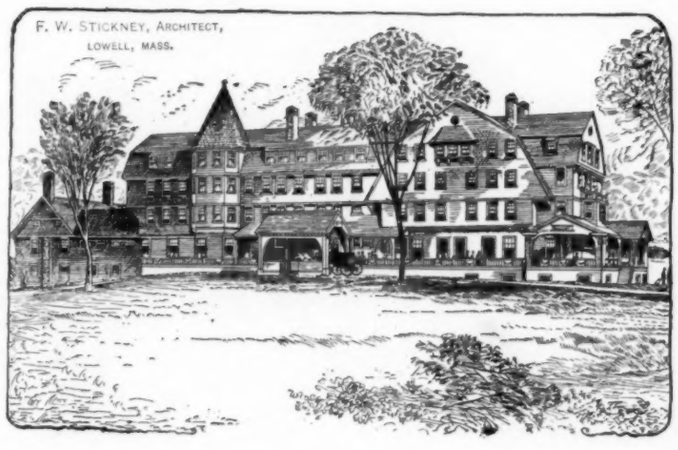

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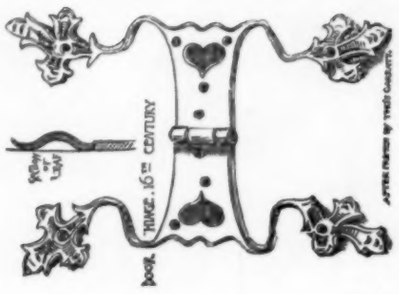

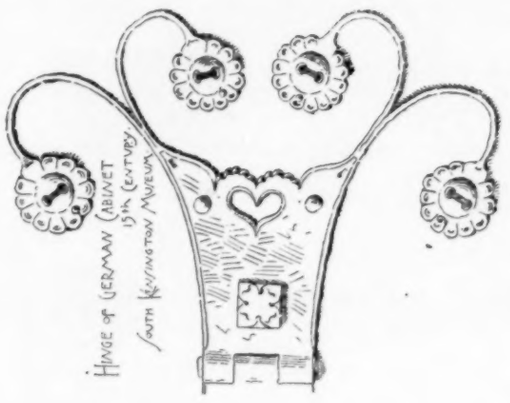

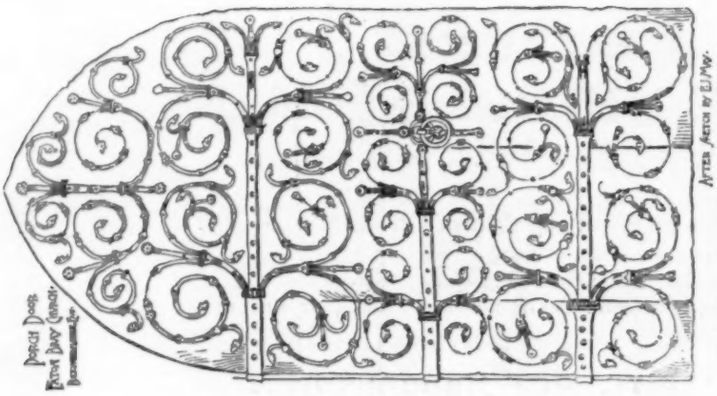

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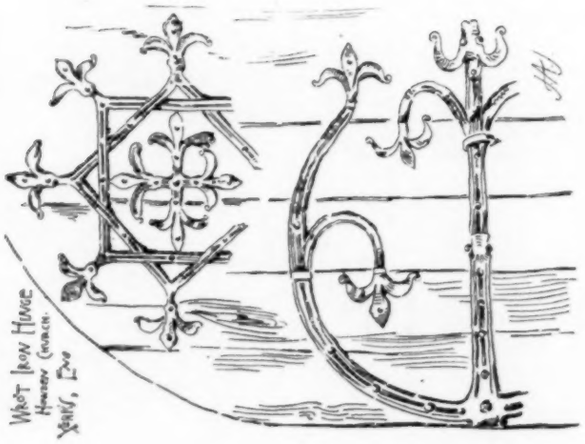

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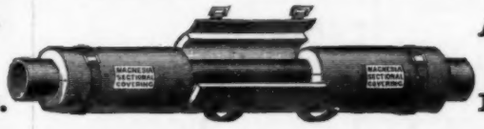

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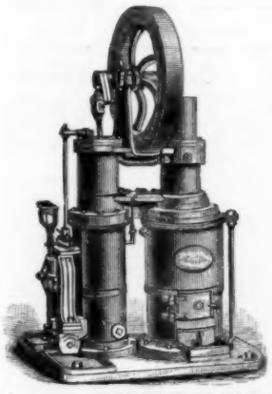

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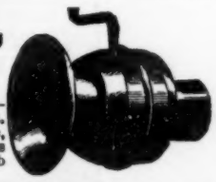

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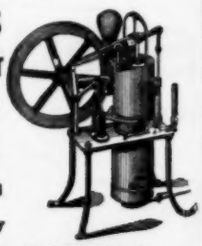

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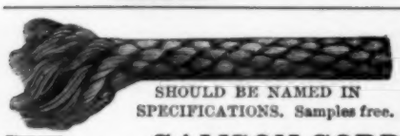

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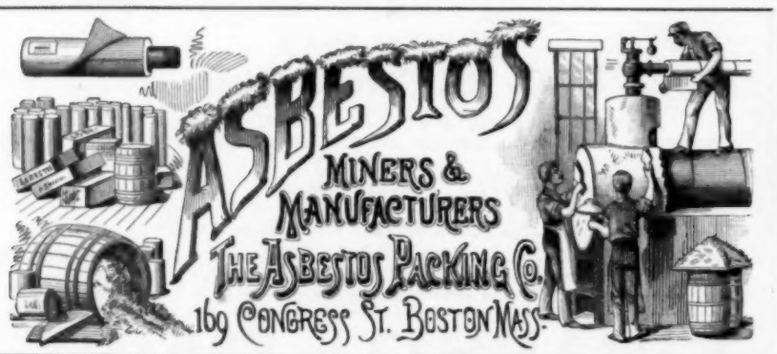

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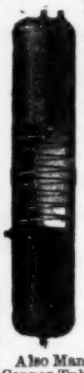

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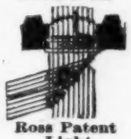

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New Advertisements.

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PERSPECTIVE DRAWING.

The *American Architect* Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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POSITION. — Draughtsman wants position in or near New York City; ten years' experience; first-class at designing exterior and interior work; quick at all office-work, perspectives, details, etc.; six years in charge of office. Address Moddern, care *American Architect.* 802

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DRAUGHTSMAN. — A first-class draughtsman, rapid and accurate, wanted at once by Rotch & Tilden, Architects, 85 Devonshire Street, Boston. 802

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POSITION. — A young man with two years' architectural experience desires a permanent position. Address A. Jordan, 1004 South Third St., Leavenworth, Kansas. 803

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DRAUGHTSMAN AND DESIGNER. — Wanted, an architectural draughtsman and designer by an architectural sheet-metal concern; one who has had experience in an architect's office preferred; state age, experience and salary required. Address "P. D. Q.," this office. 802

WANTED.

CATALOGUES and everything pertaining to building wanted at once. Address Frank X. Rielly, Architect, Pottsville, Pa. 802

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CATALOGUES. — Branch office of F. S. Newman, Architect, 77 Pearl Street, Hartford, Conn., would be pleased to receive catalogues and samples from the trade. t.f.

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DRAUGHTSMEN. — Wanted, one or two good draughtsmen in architect's office in Portland, Oregon; must be thoroughly experienced and familiar with the best Eastern work; the best of references required. For terms, address W. D. Austin, 6 Beacon Street, Boston. 802

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See last or next issue for the following advertisements.

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THE Samson Cordage Works, formerly of 164 High Street, have removed their Boston office to 115 Congress Street. They have been steadily increasing their plant, and while they are still giving their attention to making the "Samson" cord, the most perfect article of the kind, they are forced by "the trade" to make their largest increase on the competitive ("Massachusetts") cord, which can be sold a few cents cheaper, and can be so often used where architects do not specify the best and see that the best is used.

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From Amsterdam. — Steamer "*Zaandam,*" 1,000 casks cement, E. Thiele; 832 do., order.

From Antwerp. — Steamer "*Conemaugh,*" 1,300 barrels cement, E. Thiele; 3,365 do., order. Steamer "*Marengo,*" 500 barrels cement, Howard Fleming; 500 do., Canadian Bank of Commerce; 2,849 casks casks do., order. Steamer "*Rhynland,*" 1,000 barrels cement, Chas. H. Spencer; 500 do., E. Thiele.

From Bristol. — Steamer "*Exeter City,*" 500 cases bricks, order.

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From Hamburg. — Steamer "*Marsala,*" 1,120 barrels Portland cement, Nevada Bank of San Francisco. Steamer "*Russia,*" 1,120 casks cement, E. Thiele; 1,120 do., Gabriel & Schall.

From Hull. — Steamer "*Buffalo,*" 1 cask bricks, Raritan Brick Co.

From Laguna. — Schooner "*James Wotherspoon,*" 463 cedar logs, Wm. Wicke & Co.

From Liverpool. — Steamer "*The Queen,*" 18 packages bricks, Howard Fleming; 40,000 fire-bricks, order.

From London. — Steamer "*Egyptian Monarch,*" 500 casks cement, Henderson Bros.; 1,500 do., order. Steamer "*America,*" 600 casks cement, C. J. Stevens; 1,500 do., E. Thiele; 650 do., Marcial & Co.; 500 do., 1,000 do., order.

From Marseilles. — Steamer "*Pictavia,*" 700 barrels cement, order. Steamer "*Britannia,*" 50 barrels cement, James Brand.

From Naples, etc. — Steamer "*Assyria,*" 6 cases alabaster works, Ferdinand Bing & Co.; 1 do., Baldwin Bros. & Co.; 2 do., Willard Collection, Metropolitan Museum of Art; 1 block marble, 13 cases marble works, Faber & Co.; 1 case marble works, American Express Co.; 5 cases marble, 10 blocks marble, 1 case terra-cotta, 5 cases bronzes, 13 do. marble, 8 casks, 15 barrels, 6 cases alabaster works, 63 do. marble works, order.

From Nuevitas. — Brig "*Jenny Lind,*" 50 pieces mahogany, 519 do. cedar, Henry W. Peabody & Co.

From Rotterdam. — Steamer "*Zaandam,*" 980 casks cement, Chas. H. Spencer; 1,500 do., order.

From Stettin. — Steamer "*Polynesia,*" 1,000 barrels cement, E. Thiele; 2,600 barrels do., order.

From St. Jago. — Bark "*Thomas Brooks,*" 32 logs mahogany, G. Amsinck & Co.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass. — *Summer St., Nos.* 39-45, new front, etc., and inside fittings; owner, E. B. Sears; builders, Page & Littlefield; architect, H. M. Stephenson, Boston.

Brooklyn, N. Y. — *York St.,* s s, 100' e Adams St., four-st'y brick tin-ware factory, tin roof, to be raised one story; cost, $3,152; owner, S. A. Ilsley, on premises; architect, John Mumford.

North Elliott Pl., Nos. 72-80, 4 three-st'y brick tenements, gravel roofs, to be raised one story, four-st'y brick extension, asphalt and gravel roofs; cost, $2,000 each; owner and architect, John Thatcher, 70 North Elliott Pl.

Monroe St., No. 532, two-and-one-half-st'y brick and brownstone dwell., tin roof, damages by fire to be repaired; cost, $3,800; owner, Annie Fowler, by Gen. E. B. Fowler, attorney, 152 DeKalb Ave.; architect, Wm. H. Holmes, 46 Halsey St.

Meserole St., n e cor. Ewen St., two and three st'y frame dwell., tin roof, internal alterations; cost, $3,000; owner, Mrs. Catharine A. Obitz, Plainfield, N. J.; architect, Herman Horenburger, 99 East Third St., New York City.

Water St., n w cor. Washington St., six-st'y brick paper-goods factory, tin roof, six-st'y brick extension, tin roof; cost, $8,000; owner, Robert Gair, on premises; architect, Benj. Finkensieper, 93 Broadway.

DeKalb Ave., No. 29, four-st'y brick cabinet-factory, gravel roof, four-st'y stone and brick extension, gravel roof; cost, $5,000; owner, N. Langler, 239 Adams St.

Walcot St., n e cor. Ferris St., one-st'y brick building, slate and tin roof, two brick extensions, tin roofs; cost, $25,000; owners, Brooklyn Consumers' Hygiene Ice Manufacturing Co., on premises; architects, Frick & Co., Waynesboro, Pa.

Architectural Books.

[Any book in this list will be forwarded, carriage paid, on receipt of the price by the advertiser.
N. B. Messrs. Ticknor & Co., handle only their own publications].

ARCHAEOLOGY.

LANCIANI, RODOLFO, $6.00
"*Ancient Rome in the Light of Recent Discoveries.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

BIOGRAPHY.

VAN RENSSELAER, MRS. SCHUYLER, $20.00
"*Henry Hobson Richardson.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

CARPENTRY.

TREDGOLD, THOS., $5.00
"*Elementary Principles of Carpentry.*" Revised by Hurst.
New York (12 Cortlandt St.): E. & F. N. Spon.

CHURCHES.

WICKES, CHARLES, $15.00
"*Spires and Towers of the Mediæval Churches of England.*"
Boston (211 Tremont St.): Ticknor & Co.

CONSTRUCTION.

BERG, LOUIS D'C. Vol. I. $5.00
"*Safe Building.*"
Boston (211 Tremont St.): Ticknor & Co.
CLARK, T. M. $3.00
"*Building Superintendence.*" Cuts.
Boston (211 Tremont St.): Ticknor & Co.

DECORATION.

COLLING, J. K. $10.00
"*Art Foliage.*" Plates only.
Boston (211 Tremont St.): Ticknor & Co.
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Chicago, Ill. — Louis Hanson, two-st'y addition, 668 Hoyne Ave.; cost, $3,000.

Henry Abrahams, foundations and new front, 196-202 South Halsted St.; cost, $4,000.

H. Goelity, two-st'y addition, 588 South California Ave.; cost, $4,000.

N. D. Ewart, three-st'y addition, 11-31 South Jefferson St.; cost, $25,000.

Houlton, Me. — Alterations to frame dwell.; owner, Hon. Llewellyn Powers; builder, C. A. Swett; architect, H. M. Stephenson, Boston.

Little Rock, Ark. — Additions to Deaf Mute Institute; cost, $10,000; architects, Rickon & Thompson.

New York, N. Y. — *East Eighty-third St., Nos.* 21-29, 5 four-st'y brick dwells., extensions and repairs; cost, $7,500; owners, Arnold & Constable, s e cor. Fifth Ave. and Nineteenth St.; architects, Wm. Schickle & Co., 246 Fifth Ave.

Hester St., s w cor. Allen St., five-st'y brick dwell. repaired where damaged by fire; cost, $5,800; owner, James R. Griswold, 105 East Eighty-second St.; architect, D. F. Gibb, 805 Sixth St.

West Fifty-seventh St., No. 39, four-st'y brick dwell., raised two stories and extension; cost, $5,000; owner, David L. Einstine, 39 West Fifty-seventh St.; architects, De Lemos & Cordes, 146 Broadway.

River Ave., n s, 950′ w Riverdale Ave., three-st'y brick dwell., extension; cost, $25,000; owner, Giovanni P. Morosini, 71 Broadway; architects, D. & J. Jardine, 1262 Broadway.

Lexington Ave., s e cor. Twenty-ninth St., four-st'y brick flat, extension and internal alterations; cost, $10,000; owner, Lewis J. Bach, 117 East Eighty-first St.; architects, Walgrove & Israels, 99 Nassau St.

Fifty-eighth St., n s, 200′ w Sixth Ave., six-st'y brick flat, extension and internal alterations; cost, $6,500; owner, Rewigo Le Forte, 127 West Fifty-eighth St.; architects, D. & J. Jardine, 1262 Broadway.

Broadway, No. 852, five-st'y brick factory, repaired where damaged by fire and put in same condition as formerly; cost, $4,900; owner, Wilson L. Defendorf, 123 Lexington Ave.; architect, H. D. Southard, 1231 Livingston Ave., Brooklyn, N. Y.

East Nineteenth St., Nos. 44-46, three-st'y brick factory, internal alterations and repairs; cost, $20,000; owner, John Sloane, 883 Fifth Ave.; builders, Jas. C. Hoe's Sons, 10 Liberty Pl.

West St., n e cor. Warren Ave., four-st'y brick store, internal alterations; cost, $4,500; owner, Henry Pope, 100 West Fifty-fourth St.; architects, Jno. B. Snook & Son, 12 Chamber St.

Fourth Ave., e s, 105′ 6″ s Seventy-seventh St., one-st'y brick hospital pavilion, internal alterations; cost, $5,000; owner, German Hospital, 352 West Thirty-third St.; architect, Wm. Kuhles, 111 Broadway.

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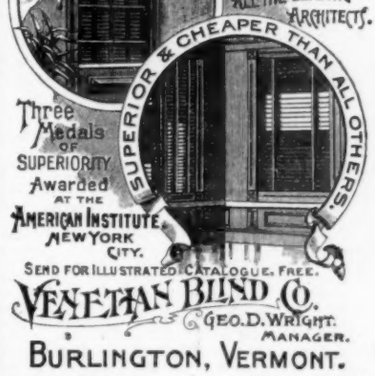

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Washington Ave., e s, 17′ 6″ s DeKalb Ave., five-st'y brick apartment-house, slate and tin roof; cost, $20,000; owner, H. W. Stearns; architect, T. F. Houghton, 340 Fulton St.

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John Gasoon, two-st'y flats, 360-362 Belden Ave.; cost, $5,000.
Mrs. Mary Cullom, three-st'y flats, 15 South California Ave.; cost, $6,000.
Robert Jahneke, three-st'y flats, 27 Dean St.; cost, $7,000.
L. M. Beck, two-st'y flats, Wright St., near Sixty-eighth St.; cost, $13,600.
W. Alward, 3 two-st'y flats, 234-236 North Hoyne Ave.; cost, $10,000.
William Miller, three-st'y flats, 47 Tell Ave.; cost, $3,500.
A. Fink, two-st'y flats, 138 Willow St.; cost, $6,000.
William T. Thomas, three-st'y flats, 1927 Calumet St.; cost, $12,000.
J. M. Darling, two-st'y flats, 4627 Langley Ave.; cost, $5,700.
P. J. Dolumer, two-st'y flats, 783 Indiana St.; cost, $3,000.
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Fred Mehls, two st'y flats, 305 Armitage Ave.; cost, $3,000.
James Colein, two-st'y flats, Throop St., near Sixty-ninth St.; cost, $3,000.
Mrs. Caroline Hagek, three-st'y flats, 474 South Union St.; cost, $5,700.
Phillips Mallman, three-st'y flats, 88 Mohawk St.; cost, $4,500.
Frank Fischer, three-st'y flats, 239 Osgood St.; cost, $5,500.
James O'Brien, three-st'y flats, 4228 Wabash Ave.; cost, $8,000.

CHURCHES.

Brooklyn, N. Y. — *Canton and Division Sts.*, 127′ n Myrtle Ave., brick church, slate roof; cost, $75,000; owner, Rt. Rev. John Loughlin, D.D.; architect, John J. Deery, 280 Broadway, New York City.

Manchester, Va. — The Methodists contemplate building an edifice to cost $20,000.

Norfolk, Va.—An edifice for St. Luke's P. E. Church will be built to cost $30,000.

Suffolk, Va.—Plans have been prepared for an edifice for the Christian Church to cost $20,000 by Charles E. Cassell, architect, Baltimore, Md.

FACTORIES.

Brooklyn, N. Y.— *Boerum Pl.*, s e cor. State St., six-st'y brick factory, gravel roof; cost, $25,000; owners, Ronalds & Co., Boerum Pl. and Schermerhorn St.; architect, J. B. Lord, 121 East Twenty-third St., New York.

Fifty-third St., n w cor. First Ave., one and two st'y brick factory for the manufacture of projectiles, iron roof; cost, $13,500; owners, United States Projectile Co., 17 Adams St.; architects, E. W. Bliss Co. (Limited), 17 Adams St.

New York, N. Y.—*South Fifth Ave., No.* 54, five-st'y brick factory, tin roof; cost, $20,000; owners, H. H. Upham & Co., 641 Broadway; architects, Brunner & Tryon, 36 Union Square.

West Sixty-fourth St., No. 317, five-st'y brick factory, gravel roof; cost, $10,750; owner, Mary E. Toner, 1075 Tenth Ave.; architect, Will A. O'Hea, 330 West One Hundred and Forty-fifth St.

Thompson St., Nos. 91-93, seven-st'y brick factory, tin roof; cost, $75,000; owners and architects, Horgan & Slattery, 254 West Eighty-eighth St. and 155 East Forty-ninth St.

St. Louis, Mo.—Four-st'y brick factory; cost, $9,935; owners, H. Pauk & Sons; contractor, F. G. Boehme.

HOTELS.

Brooklyn, N. Y.—A seven-st'y hotel is to be built at the n e cor. Concord and Washington Sts. shortly. It will cost $200,000; and will be built by P. H. De Graff, President of the Bowery National Bank, New York.

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Baltimore, Md. — Chas. H. Gantz, 5 two-st'y brick dwells., Oliver St., s s, bet. Broadway and Register St.
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Wm. Schutz, 8 two-st'y brick dwells., Patterson Park Ave., e s, s Townsend St.
Wm. J. Clendinen, 7 two-st'y brick dwells., Broadway, e s, bet. Hoffman and Oliver Sts., and 6 three-st'y dwells., Broadway, e s, beg. n e cor. Oliver St.
Geo. A. Blake, 2 three-st'y brick dwells., Biddle St., bet. Charles St. and Morton Alley.
Otto Goldbach, 10 two-st'y brick dwells., beg. n e cor. Biddle St. and Collington Ave.
Jno. Kissner, three-st'y brick dwells., Ann St., w s, bet. Pratt and Gough Sts.
Jacob Saum, 17 two-st'y brick dwells. (square), Richardson St., e s, bet. Fort Ave. and Clement St.
Michael Dignan, three-st'y brick dwells., Oak St., e s, bet. Boundary Ave. and First St.

Boston, Mass.— *Clarendon Park and Poplar St.*, six frame dwells., each about 25′ x 40′; owner and builder, B. F. Robinson.
Leyden St., near Breed St., Ward 1, frame dwell., 15′ x 35′; owner, John Booth; builder, W. H. Graham.
Rosamond Pl., off Clarendon Park, Ward 23, two frame dwells., 24′ x 40′; owner and builder, B. F. Robinson.
Hillside St., near Parker St., Ward 22, three-st'y frame dwell., 24′ x 52.6′; owner, R. M. Cordingley; builders, McNeil & McLean.
Day St., near Atwood Ave., Ward 22, frame dwell., 23′ x 31′; owner, Michael Hern; builders, McNeil & McLean.
Nixon Ave., near Centre St., frame dwell., 27.4′ x 67.10′; owner, Allen McLeod; builder, H. H. Smith.
Hillside St., rear, near Parker Hill Ave., Ward 22, frame dwell., 25′ x 38′; owner, Daniel Crane; builder, V. Bock.
Foster St., near Surrey St., Ward 25, two frame dwells., 23′ x 40.3′; owner, Mrs. G. Wildes.
Exchange St., No. 22, Ward 24, frame dwell., 22.9′ x 53.9′; owner, P. P. Hildreth; builder, J. W. Whittaker.
Lexington Ave., near Washington St., Ward 25, frame dwell., 26′ x 36′; owner, M. Dunlavy; builder, T. W. Brennan.
Hutchins Ave., near Day St., Ward 22, three-st'y frame dwell., flat roof, 22′ x 40′; owner and builder, J. J. Kelley.
Harvest St., near Dorchester St., Ward 15, frame dwell., 25′ x 40′; owner, Alvin Elwell; builder, Archibald Brown.
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Coolidge Road, near Mansfield St., Ward 25, frame dwell., 26.6′ x 35′; owner, W. R. Buckley; builder, A. E. Ellis.
Saratoga St., near Prescott St., Ward 1, two-st'y frame dwell., flat roof, 23′ x 59′; owner, George Barlow; builder, J. G. Martin.
Hillside St., cor. Cherokee St., Ward 22, three-st'y frame dwell., 28′ x 41′; owner, T. P. Butler; builders, R. D. Ward & Co.
Wheatland Ave., near Washington St., Ward 24, three-st'y frame dwell., pitch roof, 26.6′ x 42′; owner, E. M. Davenport; builder, David Currier.
Bennington St., near Swift St. and near Moore St., Ward 1, three-st'y frame dwell., flat roof, 22′ x 52′; owner, Mary Sullivan; builder, John G. Martin; two-st'y frame dwell., flat roof, 21′ x 31′; owner, William Langley; builder, G. C. Doyle.
Buttonwood St., near Mt. Vernon St., Ward 15, three-st'y frame dwell., flat roof, 22′ x 42′; owner and builder, Hugh J. Young.
Bennington St., Nos. 130-132, Ward 1, 2 three-st'y frame dwells., flat roofs, 22′ x 45′; owner, Julius Poestlers; builder, J. C. Hamilton; *and* 626 *and* 630, two frame dwells., flat roofs, 21′ x 50′; owners, Twenty-five Associates; builder, T. Yoemans.
Ruthven St., Ward 21, frame dwell., 30′ x 63′; owner, Rollin Jones; builders, G. W. Murray & Co.
Scott Pl., Nos. 2-8, Ward 14, two frame dwells., flat roofs, 21′ x 30′; owner, W. P. Scott; builders, Delano & Little.
Georgia St., Ward 21, four-st'y frame dwell., pitch roof, 37′ x 48′; owner and builder, J. F. Wetherbee.
Mill St., No. 28, cor. Ashland St., Ward 24, frame dwell., 33.8′ x 50′; owner, W. L. Kragman; builder, J. G. Scott.

BUILDING INTELLIGENCE.

Byron St., near Coleridge St., Ward 1, frame dwell., 22′ x 52′; owner, John T. Cook; builder, J. G. Martin.
H St., near East Third St., Ward 14, 2 three-st'y frame dwells., flat roofs, 22′ x 33′; owner and builder, James V. Devine.
Clifford St., No. 67, Ward 21, three-st'y frame dwell., pitch roof, 32′ x 60′; owner, Christine Thonsen; builder, G. Merz.
Unnamed place, cor. Tremont St., No. 1552, Ward 22, three-st'y frame dwell., pitch roof, 27′ x 58.6′; owner, Timothy McCarthy.
Mt. Everett St., near Quincy St., Ward 24, frame dwell., 20.6′ x 51.5′; owner, George S. Smith; builders, Gould & Murray.
Weldon St., rear, near Walk Hill St., Ward 23, three-st'y frame dwell., pitch roof, 31′ x 47′; owner and builder, W. B. Saunders.
Weldon St., cor. unnamed place, near Walk Hill St., Ward 23, frame dwell., 24′ x 50′; owner, James Sweeney; builders, J. Landrey & Son.

Brookline, Mass. — *Beacon St.*, near Fairbanks St., frame dwell., 40′ x 55′; contract to be let; architect, O. F. Smith, Boston.
Fairbanks St., two semi-detached dwells., 37′ x 56′; with L, 13′ x 39′; owner, S. A. Robinson; architect, O. F. Smith, Boston.
Three frame dwells., 30′ x 33′; 28′ x 40′; 25′ x 35′; owner, L. F. Cutter; contract to be let; architect, O. F. Smith, Boston.

Brooklyn, N. Y. — *Jefferson Ave.*, s s, 80′ e Lewis Ave., 3 three-st'y brick dwells., tin roofs; cost, $7,000 each; owners, T. W. Surmm & Son, 358 Putnam Ave.; architect, John E. Dwyer, 1558 Broadway.
Sixteenth St., n s, 150′ e Fourth Ave., 5 three-st'y brick dwells., tin roofs; cost, $6,000 each; owner, George Keymer, Eighteenth St. and Fourth Ave.
Fifth St., s s, 200′ w Fifth Ave., 5 three-st'y brick

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dwells., tin roofs; cost, $4,800; owner, C. D. Burwell, 53 South Oxford St.; architect, C. H. Denison, 270 Arlington Ave.

Rockaway Ave., e s, 25′ n Glenmore Ave., 4 three-st'y frame dwells., tin roofs; cost, $4,500 each; owner, Michael Sullivan, Flatbush; architect, M. F. Walsh, 371 Fulton St.

Bergen St., e s, 300′ w Rockaway Ave., three-st'y frame dwell., tin roof; cost, $5,000; owner, Miss McCormick, 2067 Bergen St.; architect, Nicholas McCormick.

Bedford Ave., e s, 20′ s Rutledge St., 5 four-st'y brick dwells., tin roofs; total cost, $50,000; owner, Mrs. Margaret Mulvihill, 835 Willoughby Ave.; architect, Nicholas Mulvihill, 835 Willoughby Ave.

First St., s s, 352′ e Seventh Ave., 6 three-st'y brick dwells., tin roofs; cost, $40,000; owner, architect and builder, John Magilligan, 56 Berkeley Pl.

South Fourth St., n s, 50′ e Hewes St., four-st'y brick dwell., tin roof; cost, $8,500; owner, Hugh Fehling, 252 Heyward St.; architect, Th. Engelhardt, 905 Broadway.

Jefferson Ave., n s, 500′ e Bedford Ave., 10 four-st'y brick dwells., gravel roofs; cost, $5,000 each; owner, G. R. Brown, 26 Court St.; architect, G. W. Brown, 26 Court St.

Carroll St., s s, 186′ 7″ e Sixth Ave., 2 four-st'y brick dwells., tin roofs; cost, $5,500 each; owner, M. E. Conlon, 346 Fifteenth St.; architect, F. J. Conlon, 346 Fifteenth St.

Macon St., s s, 195′ w Lewis Ave., three-st'y brick dwell., tin roof; cost, $5,000; owner, F. B. Norris, 270 Lewis Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Calyer St., n s, 50′ w Oakland St., four-st'y frame dwell., gravel roof; cost, $6,000; owner, Richard Jones, 56 Oakland St., architect, F. Weber, 211 Manhattan Ave.

Hancock St., n s, 64′ e Marcy Ave., 2 four-st'y brick dwells., tile and tin roofs; cost, $15,000 each; owner, S. E. Russell, 54 Hancock St.; architect, P. J. Lauritzen, Equitable Building, New York.

Greene Ave., n s, 456′ w Central Ave., 4 two-st'y frame dwells., tin roofs; cost, $3,000 each; owners, Peter Linger & Co., 1175 Greene Ave.; architect, Otto Linger.

Logan St., n s, 475′ e Liberty Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owners, E. Lauer and J. Smith, 11 Melrose St.; architect, F. J. Lessing, 91 Ralph Ave.

Pacific St., n s, 100′ w Buffalo Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner and architect, Geo. F. Van Dorn, 346 Macon St.

South Third St., s s, 100′ w Hooper St., 2 four-st'y brick dwells., tin roofs; cost, $18,000; owner, Emil Lehrian, 323 South Fifth St.; architect, Th. Engelhardt, 905 Broadway.

Bushwick Ave., w s, 19′ s Madison St., 3 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner, architect and builder, S. J. Burrows, 236 Ainslie St.

Macon St., n s, 290′ s Patchen Ave., 6 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner, James Miller, 627 Macon St.

Herkimer St., s s, 60′ e Howard Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, Caspar Lucke, 189A Chauncey St.; architect, Chas. Infanger, 68 Van Siclen Ave.

Hart St., n s, 350′ e Hamburgh Ave., three-st'y frame dwell., tin roof; cost, $4,800; owner, United Building Association of Long Island, on premises; architects, D. Acker & Son, 752 Broadway.

Skillman Ave., No. 26, bet. Union Ave. and Lorimer St., three-st'y frame dwell., tin roof; cost, $4,000; owner, John Fred Brenner, on premises; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Halsey St., s s, 100′ e Evergreen Ave., two-st'y frame dwell., tin roof; cost, $5,000; owner, architect and builder, C. F. Gastmeyer, 52 Bleecker St.

Atlantic Ave., s s, 150′ e Saratoga Ave., 6 two-st'y frame dwells., tin roofs; cost, $1,500 each; owner, architect and builder, W. D. Bogart, 24 Russell Pl.

Stagg St., No. 241, bet. Bushwick Ave. and Waterbury St., four-st'y frame dwell., tin roof; cost, $5,000; owner, Peter Kraus, 241 Stagg St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Schenck Ave., w s, 175′ Blake Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,300 each; owner, Peter G. Kerr, Essex St., near Arlington Ave.

Union Ave., w s, 50′ s South First St., four-st'y brick dwell., tin roof; cost, $10,000; owner, Martin Hollerer, Union Ave. and First St.; architects, David Acker & Son, Broadway and Flushing Ave.

Noble St., n s, 400′ e Franke St., two-st'y brick dwell., gravel roof; cost, $9,000; owner, Wm. P. Morrissey, M.D., 115 Noble St.; architect, J. F. Conlon, 732 Leonard St.

McDonough St., s s, 185′ w Patchen Ave., 2 two-and-one-half-st'y brick dwells., tin roofs, cost, $6,000 each; owner, Henry B. Hill, 1225 Bedford Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Harman St., s s, 150′ e Central Ave., 6 three-st'y frame dwells., tin roofs; cost, $4,500 each; owners, Hahn Bros., 286 Central Ave.; architect, Albert Berckmeier, 101 Ralph St.

Garfield Pl., s s, 272′ 10½″ w Eighth Ave., 4 three-st'y brick dwells., tin roofs; cost, $10,000 each; owner, architect and builder, Jere. J. Gilligan, 97 Sterling Pl.

Skillman Ave., No. 24, three-st'y frame dwell., tin roof; cost, $4,000; owner, Jacob Fahr, on premises; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Sixth St., n s, 300′ w Fifth Ave., two-st'y brick dwell., tin roof; cost, $24,000; owner and architect, E. G. Gollner, 308 Sixth St.

Nineteenth St., s s, 225′ w Eighth Ave., 8 two-st'y frame dwells., tin roofs; cost, $1,800 each; owner, architect and builder, Wm. E. Kay, Twentieth St. and Ninth Ave.

Snediker Ave., e s, 92′ 6″ s Sutter Ave., 21 two-st'y frame dwells., tin roofs; cost, $2,000 each; owners, J. P. and Wm. Free, 93 Essex St.

BUILDING INTELLIGENCE.

First St., n s, 275′ w Sixth Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,000 each; owner, Peter Larson, on premises; architect, Robert Dixon, 219 Montague St.

Stagg St., n s, 425′ w Waterbury St., three-st'y frame dwell., tin roof; cost, $3,800; owner, Adam Groh, 256 Stagg St.; architect, Th. Engelhardt, 905 Broadway.

Lewis Ave., n e cor. McDonough St., four-st'y brick dwell., tin roof; cost, $7,000; owner, architect and builder, John F. Ryan, 215 Hewes St.

Sixteenth St., s s, 168′ 9″ e Third Ave., 6 three-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Chas. Hagadorn, 220 Thirteenth St.; architect, Geo. M. Miller, 420 Fifth Ave.

St. Mark's Ave., n s, 200′ e Franklin Ave., 8 three-st'y brick dwells., gravel roofs; cost, $6,000 each; owner, Mary E. Fowler, 181A Halsey St.; architect, F. W. Fowler, 637 Prospect Pl.

Powell St., w s, 100′ n Liberty Ave., 3 two-st'y frame dwells., gravel roofs; cost, $2,000 each; owner, architect and builder, John F. Vrooman, 13 Brooklyn Ave.

Huron St., Nos. 118-120, 2 four-st'y brick dwells., tin roofs; cost, $8,000 each; owner, Mr. Hildebrandt, 124 Huron St.; architect, H. Vollweiler, 486 Hart St.

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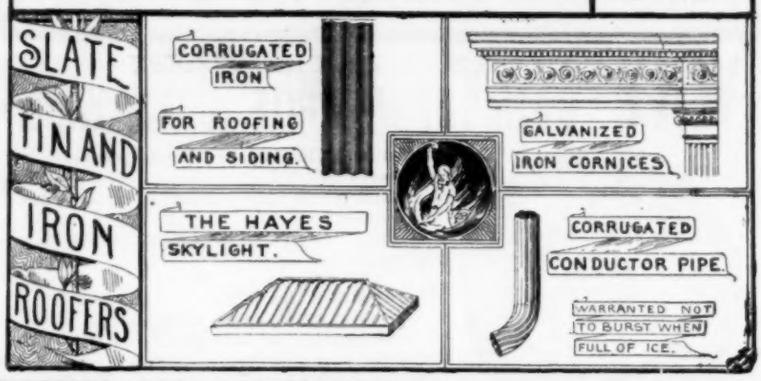

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BUILDING INTELLIGENCE.

Bond St., w s, 60′ n Douglas St., three-st'y frame dwell., tin roof; cost, $3,000; owner, Patrick Kenny, 239 Bond St.; architect, John Cox.

Vernon Ave., n s, 200′ w Stuyvesant Ave., two-st'y brick dwell., tin roof; cost, $7,000; owner, Lazarus Weil, 48 Siegel St.; architect, H. Vollweiler, 486 Hart St.

Ten Eyck St., Nos. 59-61, 2 four-st'y frame dwells., tin roofs; cost, $5,000 each; owner and builder, Joseph Herte, 169 Boerum St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Ralph St., s s, 260′ e Evergreen Ave., 4 three-st'y frame dwells., tin roofs; cost, $28,000; owner, Mr. Kaiser; architect, Frank Holmberg, 1161 Broadway.

Clay St., e s, 225′ s Manhattan Ave., four-st'y brick dwell., felt and gravel roof; cost, $8,000; owner, John Barton, 106 Clay St.; architect, John C. Snackenberg, 175 Java St.

Macon St., s s, 93′ 6″ w Howard Ave., 6 two-st'y brick dwells., tin roofs; cost, $4,200 each; owner and architect, C. Lincoln, 988 Jefferson Ave.

Chicago, Ill.—Adam Orlsendorf, two-st'y dwell., 814 Forty-sixth St.; cost, $4,500.

Mrs. Emma Lourux, three-st'y dwell., 2124 Dearborn St.; cost, $9,000.

George A. Clark, two-st'y dwell., 7802 Sangamon St., cost, $3,000.

O. W. Potter, three-st'y dwell., 130 Lake Shore Drive; cost, $50,000.

M. A. Hageman, two cottages, 5633-5635 Butterfield St.; cost, $4,000.

M. Gutrich, three-st'y dwell., 2024 Butterfield St.; cost, $5,000.

Frank Ammon, three-st'y dwell., 245 Osgood St.; cost, $5,000.

S. W. Rawson, two-st'y dwell., Ellis Ave., near Fiftieth St.; cost, $20,000.

A. M. Graves, two-st'y dwell., 4526 Woodlawn St.; cost, $10,000.

East Orange, N. J.—*Hawthorne Ave.*, frame dwell., 34′ x 55′; old colonial style; owner, E. O. Stanley; architect, H. M. Stephenson, Boston.

Jamaica Plain, Mass.—*Alveston St.*, frame dwell., 37.10′ x 49.4′; owner, Charles M. Boyd; builder, Henry P. Oakman; architect, H. M. Stephenson, Boston.

Little Rock, Ark.—One-and-one-half-st'y frame dwell.; cost, $3,000; owner, F. M. Fletcher, Esq.; architects, Rickon & Thompson.

Two-st'y frame dwell.; cost, $4,500; owner, Geo. N. Martue, Esq.; architects, Rickon & Thompson.

Two-st'y dwell.; cost, $2,300; owner, Jno. Engstroum, Esq.; architects, Rickon & Thompson.

New York, N. Y.—*Seventy-sixth St.*, n s, 107′ w West End Ave., four st'y brick dwell., tin roof; cost, $22 000; owner, Emily McGuckin, 283 West Seventy-first St.; architect, Chas. P. H. Gilbert, 18 Bowery.

East Ninety-third St., No. 19, four-st'y brick dwell., tin roof; cost, $10,000; owner, Emil H. Kosmak, 234 East Forty-ninth St.; architect, Frederick Jenth, 191 Forsyth St.

Catharine St., No. 65, three-st'y brick dwell., tin roof; cost, $10,000; owner, Joseph Harris, 35 Henry St.; architect, Charles Rentz, 153 Fourth Ave.

Seventy-fourth St., s s, 150′ w Central Park, West, 4 four-st'y brick dwells., tin roofs; cost, $40,000; owner, C. W. Luyster, 115 West Seventy-fourth St.; architect, John H. Duncan, 237 Broadway.

Seventy-sixth St., n s, 125′ w Eighth Ave., four-st'y brick dwell., peak slate and tin roof; cost, $37,000; owner, Wm. T. Evans, Broadway and Eleventh St.; architect, James H. Lindsley.

BUILDING INTELLIGENCE.

Philadelphia, Pa.—*Sixteenth St.*, e s, s Moore St., 26 two-st'y dwells.; contractors, Doyle and Doak.

Seventy-second St., w s, s Buist Ave., two-st'y dwell.; owner, Eliza Koroniski.

Lex St., e s, n Aspen St., 4 two-st'y dwells.; owner, James J. Allen.

Twenty-third St., e s, n Callowhill St., 4 two-st'y dwells.; contractor, Joseph Bird.

Fillmore St., w s, n Harrick St., 2 two-st'y dwells.; contractor, Thomas Rush.

Cambria St., w s, s Margaretta St., two-st'y dwell.; contractor, Thomas Rush.

Second St., e s, s Mifflin St., 2 two-st'y dwells.; owner, Renick Moffett.

G St., w s, n Tioga St., two-st'y dwell.; owner, Henry Monk.

Hermann St., n s, w Thirtieth St., 12 two-st'y dwells.; contractors, Eldridge & Stewart.

Seventeenth St., e s, n Dauphin St., 2 three-st'y dwells.; contractors, C. Schaffer & Son.

Fourth St., w s, s Reed St., four-st'y dwell.; contractor, Thomas McCarthy.

Carlisle St., w s, n Susquehanna Ave., 3 two-st'y dwells. and stores; owner, D. O. Boorse.

Carlisle St., e s, n Poplar St., 8 three-st'y dwells.; contractors, B. Ketcham & Sons.

Coral St., s w cor. Sargent St., 2 three-st'y dwells.; owner, J. W. Snyder.

Courtland St., n s, w Front St., 5 two-st'y dwells.; contractors, Need & Merkle.

Fifth St., e s, s Pike St., three-st'y dwell. and store; owner, C. B. Peacock.

Kensington Ave., cor. Clinton Ave., two-st'y dwell. and store; contractors, D. R. & T. R. Draper.

Monmouth St., e Almond St., two-st'y dwell.; contractors, Brosnahan & Ryan.

Oxford and Tackawanna St., three-st'y dwell.; owner, James S. Swope.

Reed St., n s, w Eighth St., 2 three-st'y dwells.; owner, D. S. McClure.

Rockland St., s s, e York Road, two-and-one-half-st'y frame dwell.; owner, S. R. Riley.

Richfield St., n s, w Ninth St., three-st'y dwell.; owner, Hubert Hammeke.

Twenty-eighth St., w s, s Cumberland St., 11 two-st'y dwells.; contractor, Charles A. Warfield.

Rosehill St., w s, n Cambria St., 34 two-st'y dwells., and 2 three-st'y dwells. and stores; owners, J. M. Holmes & Co.

BUILDING INTELLIGENCE.

Belgrade and Leverington Sts., s Allegheny Ave., 4 three-st'y dwells.; *Allegheny Ave.*, w Leverington St., 8 three-st'y dwells.; contractor, T. E. P. Ward.

Hagerman St., w s, s Longshore St., 2 two-st'y dwells.; owner, Alfred Dyer.

Hagerman St., n Freeship St., two-st'y dwell.; contractors, Kollirer & Bros.

Howell St., e Cottage St., two-and-one-half-st'y dwell.; owner, John W. Rhoads.

Sellers St., n s, e Main St., three-st'y dwell.; contractors, Foulkrod & Fischer.

Willow St. and Harrison Ave., 2 two-st'y dwells.; contractors, Osborne Bros.

Adams St., w Frankford Ave., two-st'y dwell.; contractors, Osborne Bros.

Thirteenth St., e s, n Susquehanna Ave., two dwells.; owner, E. P. Hippie.

Filbert St., n s, w Fifty-second St., 6 two-st'y dwells.; contractor, Wm. A. Arthur.

Kingsley and Pechin Sts., 2 two-st'y dwells.; contractor, James H. Boone.

Manayunk Ave. and Ashborne St., stone dwell.; contractor, James H. Boone.

Lyons St., s s, w Eighty-fifth St., two-st'y frame dwell.; contractors, Hunt & West.

Market St., s s, e Forty-ninth St., 10 three-st'y dwells.; owner, James H. Carter.

Nicetown Lane, s s, e Ridge Ave., two-st'y stone dwell.; owner, Joseph J. Gallahue.

Providence, R. I.—*Prospect St.*, w s, near Halsey St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, Paul Schoker; builder, Vere W. Peck.

Prospect St., w s, near Halsey St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, William C. Askellotte; builder, Vere W. Peck.

Prospect St., w s, near Halsey St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, Wm. G. Whittemore; builder, Vere W. Peck.

Thayer St., n w cor. Keene St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, Hattie C. Davidson; builder, John C. Davidson.

Knight St., e s, bet. Carpenter and Brighton Sts., two-st'y frame dwell., mansard roof; cost, $5,500; owner, Mrs. Benno Woff; builders, Cornell, Pevey & Co.

Craven St., e s, near Messer St., two-and-one-half-st'y frame dwell.; cost, $3,300; owner and builder, Charles H. Brown.

Atlantic St., n s, near Melrose St., two-and-one-half-st'y frame dwell.; owner, J. A. Latham; builder, O. O. Hooks.

Somerville, Mass. — *Highland Ave.*, frame dwell., 44′ x 52′; and stables; owner and builder, George H. Derby.

Trull St., four frame dwells., each 22′ x 26′; owner and builder, Lewis S. Gove.

Trull St., four frame dwells., each 22′ x 28′; owner and builder, Alden M. Moore.

Adrian St., two frame dwells., each 20′ x 28′; owner and builder, James Connor.

Jenny Lind Ave., frame dwell., 24.6′ x 32.6′; owner, Frederick R. Collins; builders, Tuttle Bros.

Walnut St., No. 61, frame dwell., 25′ x 28′; with L, 16′ x 20′; owner, Herbert Thorpe; builder, Charles A. Hager.

Chauncey Ave., near Broadway, frame dwell., 22′ x 48′; owner and builder, James M. Andrews.

Dickinson St., frame dwell., 22′ x 30′, with L, 14′ x 18′; owner and builder, John Elston.

Hancock St., frame dwell., 28′ x 42′; owner and builder, Charles S. Roach.

Elm and Jacob Sts., frame dwell., 24′ x 30′, with L, 12′ x 16′; owner, Warren E. Locke; builders, Skelton Bros.

Line St., frame dwell., 22′ x 47′; owner, Thomas Sherry; builder, Thomas Griffiths.

Ames St., frame dwell., 25′ x 29′ with L, 10′ x 14′; owners and builders, S. & C. H. Williams.

Hudson St., frame dwell., 26′ x 30′; owner and builder, Solomon S. Higgins.

Stickney Ave., frame dwell., 23′ x 48′; owner, Alice V. Hutchinson; builder, George E. Hutchinson.

Berkeley St., frame dwell., 22′ x 29′, with L, 16′ x 18′; owner, Sears Condit; builder, Ernest W. Pitman.

Beacon St., near Sacramento St., frame dwell., 31′ x 44′; owner, A. E. Xavier; builder, Cornelius J. McArthur.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,500; owner, E. Boulanger; contractors, Schepflin & Peters.

Two-st'y brick dwell.; cost, $3,600; owner, J. D. Schnelle; contractors, Bierman & Ahring.

Two-st'y brick dwell.; cost, $5,000; owner, Andrew Blaig; contractors, Chapman & Thursby.

Two-st'y brick dwell.; cost, $3,500; E. Kuestenstephan; contractor, H. W. Rocklage.

Two-st'y brick dwell.; cost, $4,000; owner, Dr. E. R. Albin; contractor, B. M. Proetz.

Two-st'y brick dwell.; cost, $3,000; owners, Misses M. and C. Lonergan; contractor, J. F. Lonergan.

Two-st'y brick dwell.; cost, $3,000; owner, A. Herchembach; contractor, P. Herchembach.

Double two-st'y brick dwell.; cost, $7,000; owner and contractor, A. McAllister.

Three-st'y brick dwell.; cost, $5,000; owners, Overbeck Bros.; contractor, H. Meyer.

Two-st'y brick dwell.; cost, $4,000; owner, Ch. Hertwig; contractors, Paulus & Williamson.

Two-st'y brick dwell.; cost, $4,500; owner, Mr. Barrett; contractor, J. Costello.

Two-st'y brick dwell.; cost, $4,500; owner, C. F. Feutres; contractor, C. C. Newberry.

Two-st'y brick dwell.; cost, $2,680; owner, P. Barth; contractors, Mathias & Schneider.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, W. A. Reid.

Two-st'y brick dwell.; cost, $4,600; owner, W. Rohlfing; contractor, G. Neukum.

Three two-st'y brick dwells.; cost, $3,500 each; owner and contractor, F. S. Labarge.

Two-st'y brick dwell.; cost, $6,000; owner, L. G. Hadley; contractors, T. H. Busey & Co.

Two-st'y brick dwell.; cost, $9,600; owner, Jno. Mullaly; contractor, C. Frielling.

Two two-st'y brick dwells.; cost, $3,750 each; owner and contractor, J. Lauenborg.

Two-st'y brick dwell.; cost, $4,250; owner, J. O. Ingalls; contractor, C. M. Smiley.

Two-st'y brick dwell.; cost, $6,900; owner, J. Clein; contractor, Wm. Klute.

Two-st'y brick dwell.; cost, $3,000; owners and contractors, Lacy & Scott.

Two-st'y brick dwell.; cost, $4,850; owner, Miss R. Lamping; contractors, C. H. Ludhoetler & Sons.

Two-st'y brick dwell.; cost, $4,000; owner, J. Schwerkert; contractor, P. Sauerwein.

Two-st'y brick dwell.; cost, $3,000; owner, Jno. Ferris; contractors, Padgett & Sloolin.

Two-st'y brick dwell.; cost, $9,000; owner, R. E. Collins; contractors, Bowler & Dinsmore.

Two-st'y brick dwell.; cost, $2,800; owner, Emil Berns; contractor, T. F. Marley.

Two-st'y brick dwell.; cost, $3,500; owner, M. Jaros; contractor, T. F. Marley.

Three two-st'y brick dwells.; cost, $3,000 each; owner and contractor, T. Ayrley.

SCHOOL-HOUSES.

Boston, Mass.—*St. Botolph St.*, cor. Cumberland St., Ward 11, two-st'y brick primary schools, hip roof, 84.2′ x 96.8′; owner, City of Boston; builders, M. S. & G. N. Miller.

Blue Hill Ave., cor. Dalmatia St., Ward 20, three-st'y brick parochial school, pitch roof, 62′ x 74′; owner, J. J. Williams; builders, P. C. Keeley.

STABLES.

Boston, Mass.—*Homestead St., rear*, near Humboldt Ave., Ward 21, one-st'y frame stable, pitch roof, 29′ x 36′; owner, Thomas Jackson; builder, James Jackson.

Brooklyn, N. Y.—*Bayard St.*, n s, 160′ e Union Ave., one-st'y frame stable, tar and gravel roof; cost, $3500; owners, Brooklyn Transportation Co. (Limited), J. F. Bendernagel, President, Kent Ave. and South Fourth St.; supervising architects, Thayer & Wallace, Jefferson Building.

Gerry St., s s, 70′ w Throop Ave., two-st'y brick stable, tin roof; cost, $4,000; owner, M. Zirkle, on premises; architects, D. Acker & Son, 752 Broadway.

Somerville, Mass. — *Highland Ave.*, frame stables, 24′ x 42′; owner and builder, George H. Derby.

Orchard St., No. 109, frame stables, 24′ x 30′; owner, Samuel H. Wilkins; builder, Charles W. Phillips.

STORES.

Brooklyn, N. Y. — *Bedford Ave.*, s e cor. Rutledge St., four-st'y brick store and dwell., tin roof; cost, $12,000; owner, Mrs. Margaret Mulvihill, 835 Willoughby Ave.; architect, H. W. Billard, 99 Broadway.

Myrtle Ave., s s, 50′ w Knickerbocker Ave., 5 three-st'y frame store and dwell., tin roofs; cost, $4,000; owner, H. F. Hopkins, 183 Moffatt St.; architect, Ernest Dennis, 115 Himrod St.

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Knickerbocker Ave., w s, 50′ s Myrtle Ave., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, H. F. Hopkins, 183 Moffatt St.; architect, Ernest Dennis, 115 Himrod St.

Manhattan Ave., e s, 100′ n Java St., four-st'y brick store and dwell., gravel roof; cost, $11,000; owner, Daniel McCullum, Kent St.; architect, F. Weber, 211 Manhattan Ave.

McKiblin St., No. 173, bet. Bushwick Ave. and Humboldt St., four-st'y frame store and dwell., tin roof; cost, $6,000; owner, Mary Schmitt, premises; architects, D. Acker & Son, 752 Broadway.

Thatford Ave., e s, 175′ s Belmont Ave., three-st'y frame store and dwell., tin roof; cost, $3,200; owner, Israel Rubinstein, Watkins St.

Third Ave., e s, 22′ n Forty-ninth St., four-st'y brick store and dwell., tin roof; cost, $9,000; owner, John D. Holsten, 230 Forty-seventh St.; architect, Thomas Bennett, Third Ave. and Forty-ninth St.

McKiblin St., No. 148, bet. Graham Ave. and Humboldt St., four-st'y frame store and dwell., tin roof; cost, $8,000; owner, Henry Newman, 4 Myrtle Ave.; architect, Henry Vollweiler, 486 Hart St.

Chicago, Ill. — M. C. Davis, two-st'y store and flats, 8561 Superior St.; cost, $3,500.

Charles Massey, three-st'y store and flats, 9224 Commercial Ave.; cost, $6,000.

F. Grossman, three-st'y store and flats, 5608-5610 State St.; cost, $20,000.

Herman Stock, four-st'y store and flats, 419 North Chicago St.; cost, $7,000.

J. & M. W. Bohn, four-st'y store and flats, 160 Ganet Pl.; cost, $15,000.

Conrad Satge, 3 four-st'y stores and flats, 6226-6230 South Halsted St.; cost, $28,000.

G. C. Forest, four-st'y store and flats, 172 West Indiana St.; cost, $7,500.

M. J. Hellwig, two-st'y store and flats, 419 South California Ave.; cost, $5,500.

Joseph Casagrande, three-st'y store and flats, 393 Chicago Ave.; cost, $14,000.

Jacob Weill, 9 three st'y and 3 four-st'y stores and flats, 4730-4752 State St.; cost, $60,000.

Fred Capp, 2 two-st'y stores and flats, 358-360 Root St.; cost, $4,000.

B. Friend, four-st'y store and flats, 61-63 Chicago St.; cost, $6,500.

C. Domke, two-st'y store and dwell., 4620 Wentworth Ave.; cost, $4,000.

Mrs. Frantisch, two-st'y store and flats, 5252 Ashland Ave.; cost, $3,000.

Andrew Ridlein, two-st'y store and flats, 3227 Wall St.; cost, $4,000.

R. E. Evans, two-st'y store and flats, 758 Thirty-fifth St.; cost, $8,000.

F. W. Ewart, three-st'y store and flats, 3628 Wentworth Ave.; cost, $6,000.

Ipswich, Mass. — In the centre of the village, 4 one-st'y brick stores, each 24′ x 48′; and alterations to old buildings; owner, Stephen F. Jones; contracts to be let; architect, O. F. Smith, Boston.

BUILDING INTELLIGENCE.

Little Rock, Ark. — Three-st'y store; cost, $13,000; owners, Wolf Bros.; architect, Thomas Harding.

TENEMENT-HOUSES.

Boston, Mass. — *Russell St., No.* 56, *Walker St., No.* 46, *and Walker Ave.*, Ward 4, four-st'y brick tenement, flat roof, 47′ x 55′; owner, J. J. McCarthy.

Somerville, Mass. — *Beacon St.*, frame tenement-house, 43′ x 47′; owner, M. H. Dewire; builder, John McGirr.

Beacon St., cor. Park St., frame tenements, 54′ x 60′; owner, Daniel E. Chase; builder, Edward A. Miller.

WAREHOUSES.

Baltimore, Md. — John Hopkins Hospital will build four-st'y brick warehouse, Lombard St., s s, bet. Charles and Hanover Sts.

MISCELLANEOUS.

Baltimore, Md.—The National Casket Co. will build four-st'y brick building, Lombard St., s s, e Jones's Falls.

Boston, Mass. — *Kemble St.*, near Hampden St., Ward 20, two-st'y frame foundry, flat roof, 68′ x 124′; owners, Mechanics' Iron Foundry Co.; builder, W. Messenger.

Brooklyn, N. Y. — *Liberty Ave.*, cor. Miller Ave., 2 two-and-three-st'y brick buildings to be used as police station, patrol stable and cells building, tin roofs; cost, $48,250; owner, City of Brooklyn; architect, George Ingram.

Luqueer St., n s, 102′ e Henry St., three-st'y brick bottle-cleaning establishment and dwell., tin roofs; cost, $3,050; owner, Wm. Littmann, 670 Greenwich St.; architect, J. W. Bailey, 66 Court St.

Camden, Me. — Frame steamboat landing, 35′ x 95′; owners, Boston and Bangor Steamboat Co.; builder, H. C. Small; architect, H. M. Stephenson, Boston.

Chicago, Ill.—George F. Gerst, store-house and barn, 501-511 Thirty-first St.; cost, $12,000.

Little Rock, Ark. — Power house; cost, $35,000; owners, City Electric St. Railway; architects, Rickon & Thompson.

St. Louis, Mo. — Brick-yard; cost, $4,000; owner and contractor, Chas. Branahl.

Two-st'y brick carriage-house; cost, $2,500; owner, C. Steifel; contractor, A. H. Haeseler.

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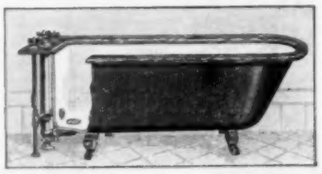

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full information as to character of structures, location, etc., by addressing R. R. Caldwell, County Judge, Nashville, Tenn.

All plans, specifications and estimates of costs must be in the hands of the Committee **on or before June 15, 1891.**

JOHN OVERTON,
B. A. PHILLIPS,
J. H. JORDAN,
W. P. JONES,
J. P. DAKE,
D. F. BANKS,
R. R. CALDWELL,
Committee.

804

PROPOSALS.

May 4, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 20th day of May, 1891, for all labor and material required for certain alterations, repairs to plumbing and vault-work for United States Court-house and Post-office building at Knoxville, Tenn., in accordance with the drawings and specification, copies of which may be had on application to this office or to the Custodian of the above-named building. Each bid must be accompanied with a certified check for one hundred dollars ($100), made payable to the order of the Treasurer of the United States. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposal must be enclosed in an envelope sealed and marked "Proposal for Alterations and Repairs to the United States Court-house and Post-office building at Knoxville, Tenn.," and addressed to W. J. EDBROOKE, Supervising Architect. 803

May 1, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of May, 1891, for all the labor and materials required for the wharf, causeway, etc., at Fort Jefferson, Dry Tortugas, Fla., in accordance with the drawings and specification, copies of which may be had on application at this office. Each bid must be accompanied by a certified check for $300. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Wharf, Causeway, etc., at Fort Jefferson, Dry Tortugas, Fla.," and addressed to W. J. EDBROOKE, Supervising Architect. 803

April 27, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 25th day of May, 1891, for all the labor and materials required for the approaches to the United States Custom-house, Post-office, etc., building at Galveston, Texas, in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Galveston, Texas. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Approaches to the United States Custom-house, Post-office, etc., at Galveston, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 802

April 24, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of May, 1891, for all the labor and materials required for decorative painting, etc., to the United States Court-house and Post-office building at Covington, Ky., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Decorative Painting, etc., to the United States Court-house and Post-office building at Covington, Ky.," and addressed to W. J. EDBROOKE, Supervising Architect. 802

April 24, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 20th day of May, 1891, for all the labor and materials, and fixing in place complete, the low-pressure, return-circulation, steam-heating apparatus required for the United States Custom-house building at Bristol, R. I., in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Custodian at Bristol, R. I. Each bid must be accompanied by a certified check for $100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating Apparatus for the United States Custom-house building at Bristol, R. I.," and addressed to W. J. EDBROOKE, Supervising Architect. 802

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[*See Alphabetical Index on page VII for Pagination.*]

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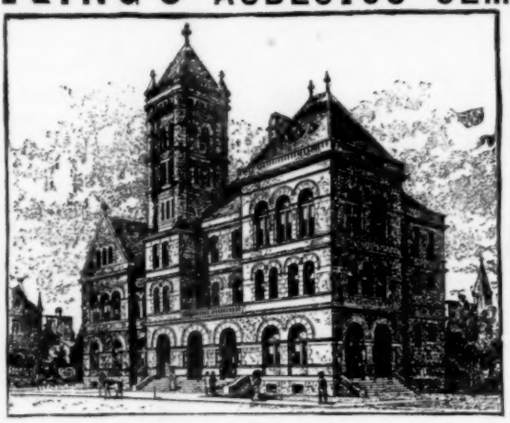

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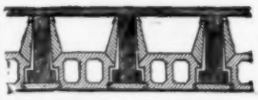

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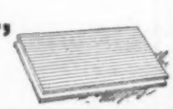

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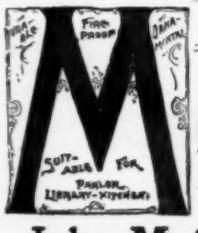

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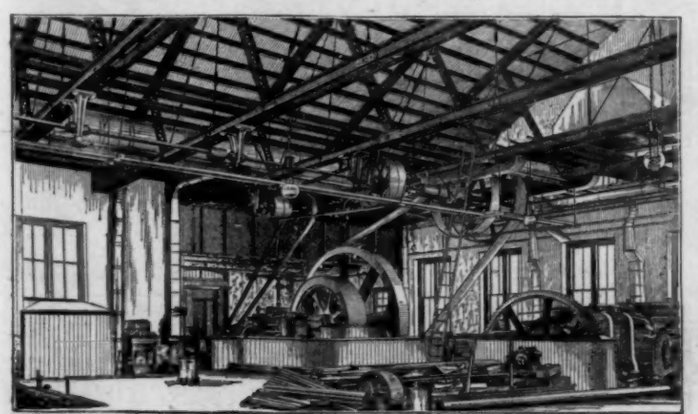

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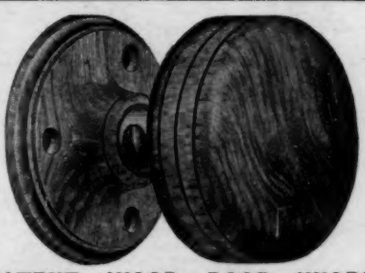

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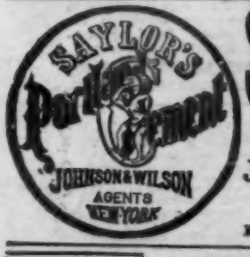

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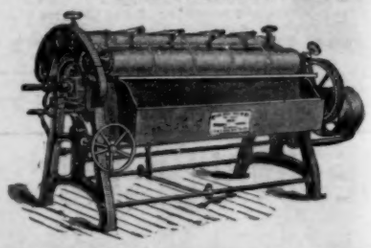

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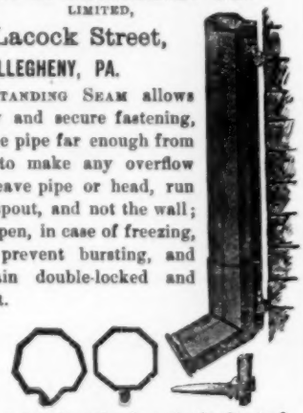

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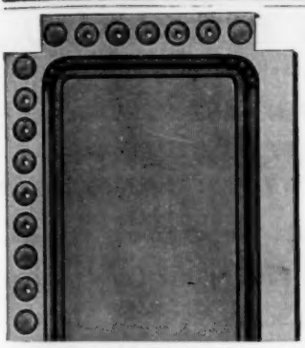

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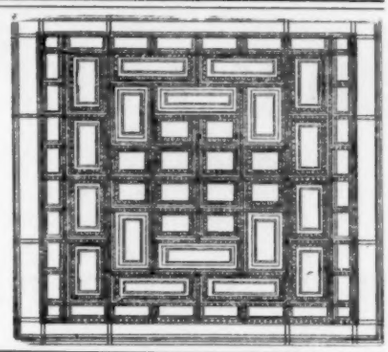

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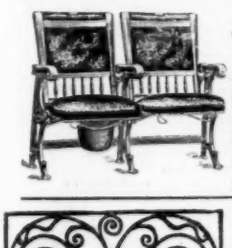

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Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 25 @ 2 35	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
Shingles:				
Pine, shaved ℔ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ℔ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	{30" $35 @ 40 {24" 8 @ 21
Cedar split ℔ M	@	@	*Not sold.*	{20" 35 @ 14
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	
Cypress, Split, 7 x 24, "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ℔ ft	4½ @ 5½	Piles 6c. ℔ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ℔ M. (*First Qual.*				
Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 48 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ℔ lb	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ℔ M	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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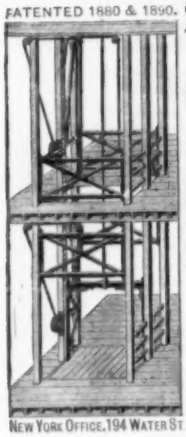

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BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*				In Yard.
Pale	2 50 @ 2 75	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 50 @ 5 50	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 60 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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Mortar Colors.				
Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" red	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" black, Lehigh	@	@	7 30 @ 8 00	4 00 @ 4 65
" " Chapmans	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	@	@	*Not Sold.*	@ 25 00
Tiles, Am ... ℔ M.	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading.				
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1¼ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	53 @ 56	56 @ 57	57 @ 60	@ 60
" " boiled (℔ gal.)	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine (℔ gal.)	41 @ 42	44 @ 45	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (dry)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (dry)	1 30 @ 2 00	2 @ 3	1½ @ 2	1¼ @ 2
Litharge, Am (dry)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .80	Add per cask
Butts: 4″ x 4″ (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7¼	@ 7	@ 6¾
Lead Pipe	@	@ 7	@ 6¼	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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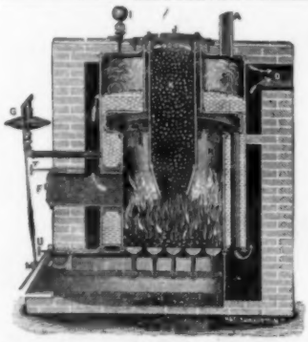

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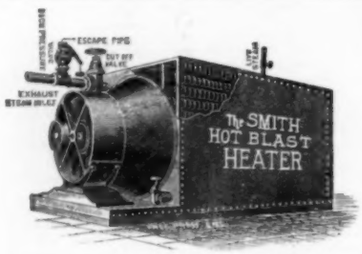

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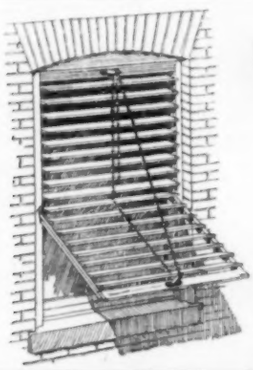

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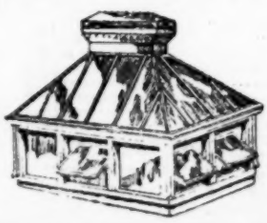

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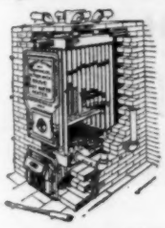

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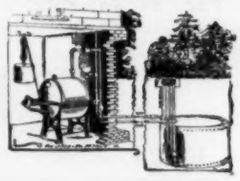

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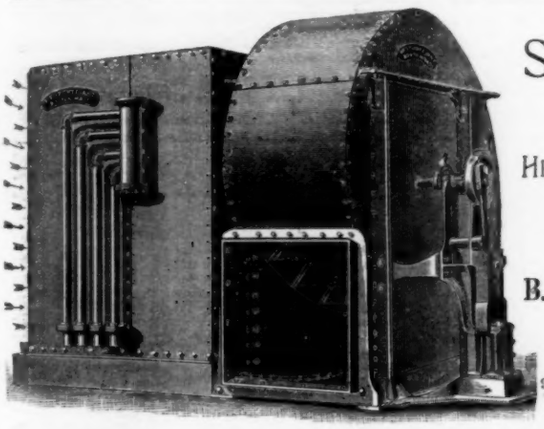

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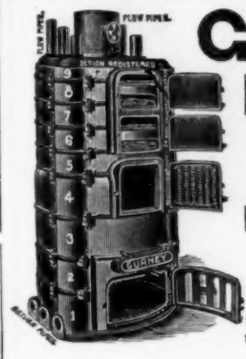

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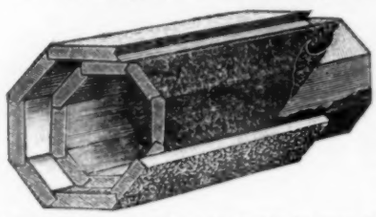

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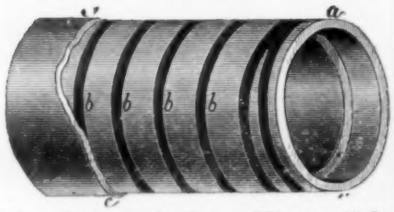

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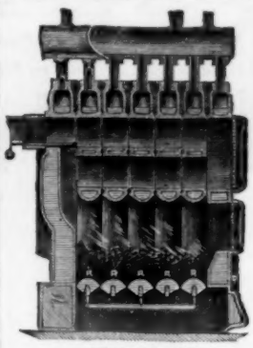

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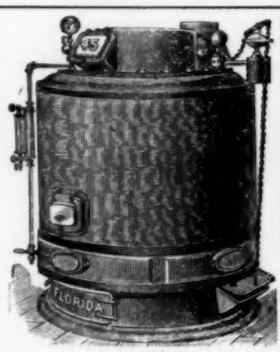

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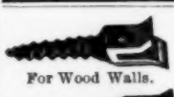

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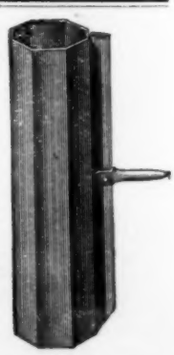

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450,792. WINDOW-SCREEN.—Bion H. Dodd, Rosendale, Wis.

450,798. AUTOMATIC FLUSH-TANK. — James Scott, Denver, Col.

450,801. STATIONARY WASH-STAND. — Lewis E. Bathrick, Passaic, N. J.

450,892. SCRIBER. — William Potter, New York, N. Y.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.— *Montague St.*, s e cor. Clinton St. three-st'y brick office-building, to be raised two stories, tin roof; cost, $70,000; owner, Brooklyn City Railroad Co., 10 Fulton St.; architects, Ross & Marvin, 53 Broadway, New York.

Wythe Ave., e s, 25′ n North Eleventh St., one-st'y frame and brick foundry, three-st'y brick and frame extension, gravel roof; cost, $5,000; owner, Hecla Iron Works, North Eleventh St. and Wythe Ave.; architect, J. M. Farnsworth, 119 Nassau St., New York.

New Jersey Ave., e s, 100′ n Fulton St., one-st'y frame church, tin roof, two-st'y frame extension, tin roof, and other alterations; cost, $6,000; owner, East New York Reformed Church, New Jersey Ave.; architect, F. E. Van Duyne, 329 Jamaica Ave.

York St., Nos. 123-127, two-st'y brick white lead factory, gravel roof, damages by fire to be repaired; cost, $3,500; owners, National Lead and Oil Co.

Willow St., No. 60, two-and-one-half-st'y brick and stone dwell., slate roof, raised to a three-st'y and attic building, two-st'y brick extension, tin roof, and internal alterations; cost, $6,000; owner, Mr. Greene, 115 Willow St.; architect, Wm. B. Tubby, 81 Fulton St., New York City.

Chicago, Ill.— F. Manci, four-st'y addition, 845 Ashland Ave.; cost, $8,000.

Mrs. Eliza Buehler, four-st'y addition, 606 Wells St.; cost, $5,000.

S. Younquist, two-st'y addition, Fifty-ninth St. and Lincoln Ave.; cost, $4,000.

R. H. Fleming, two-st'y addition, 3527-29 Cottage Grove Ave.; cost, $30,000.

August Von Glahn, one-st'y addition, 102-104 North Clark St.; cost, $20,000.

Minneapolis, Minn. — Palace Clothing Co., alterations to store, 321-329 Nicollet Ave.: cost, $30,000.

Philadelphia, Pa.— *Fairmount Ave., No.* 1207, addition; owner, Elwood M. Smith.

Grayson St., No. 1727, addition; contractor, E. S. Mercer.

Ridge Ave., e s, n Huntingdon St., addition; owner, C. E. Bartle.

Rittenhouse St., e Wayne St., addition; contractor, Burd P. Evans.

Tasker and Stiles Sts., addition; contractor, N. Schrick.

Uber St., No. 1834, addition; contractor, E. C. Dietrich.

Fifth St., s w cor. Adelphia St., addition; contractors, Samuel Hart & Son.

Ashmead St., e Mercer St., addition; owner, Walter Bowditch.

Baring St., No. 3510, addition; owners, Stacy Reeves & Son.

Mervine St., No. 1428, addition; contractors, Jas. McCauley & Sons.

Pulaski Ave., No. 4823, addition; owner, James Mole.

Portsmouth, N. H. — Addition, 20′ x 30′, to frame dwell.; owner, A. A. Carey; builder, A. H. Hodgdon; architects, Longfellow, Alden & Harlow, Boston.

St. Louis, Mo. — Front alteration brick store; cost, $3,300; owner, Ringen Stove Co.; contractor, S. L. Jones.

Worcester, Mass.— *Brussells St.*, two-st'y brick and stone addition to factory; owner, J. M. Whittall; contractors, C. R. Makepeace & Co.

APARTMENT-HOUSES.

Brooklyn, N. Y.— *Pacific St.*, w s, 375′ e Classon Ave., 2 four-st'y flats, tin roofs; total cost, $11,500; owner, Thos. E. Rooney, 1069 Pacific St.; architect, Robert Dixon, 219 Montague St.

Chicago, Ill. — Mrs. E. Walsh, two-st'y flats, Manistee Ave. and Ninety-third St.; cost, $4,000.

C. Waldo, 2 three-st'y flats, 391-393 Bowen Ave.; cost, $8,000.

Fred J. Twecke, two-st'y flats, 83 Jay St.; cost, $3,500.

G. E. Snieder, two-st'y flats, Milton St. and Grand Ave.; cost, $3,000.

Anton Barchita, three-st'y flats, 472 North Robey St.; cost, $4,500.

Mrs. Jennie H. Bauld, three-st'y flats, 1274 Van Buren St.; cost, $10,000.

Joseph Kukuska, three-st'y flats, 832 West Eighteenth St.; cost, $6,200.

S. C. Hayes, two-st'y flats, 761 Walnut St.; cost, $3,500.

Simon Krouse, two-st'y flats, 427 Marshfield Ave.; cost, $3,000.

W. Menaker, 2 two-st'y flats, Winter and Seventieth Sts.; cost, $3,600.

Carl Kleihn, three-st'y flats, 235 West Huron St.; cost, $4,000.

F. Loebal, three-st'y flats, 44 Gire Ct.; cost, $3,000.

John Milet, two-st'y flats, 9641 Avenue J; cost, $1,800.

Mike Schudd, three-st'y flats, 9002 Green Bay Ave.; cost, $3,000.

Joseph Polkey, two-st'y flats, 5110 Emerald Ave.; cost, $3,800.

Charles G. French, 3 two-st'y flats, 4414-18 Champlain Ave.; cost, $6,500.

Joseph Sachsel, three-st'y flats, 1147 Belmont Ave.; cost, $3,500.

John Schwerin, two-st'y flats, 226 Ashland Ave.; cost, $4,000.

Peter O'Connor, two-st'y flats, 2817 Parnell Ave.; cost, $3,500.

Minneapolis, Minn. — N. A. Peterson, brick apartment-house, 1824-26 South Fifth St.; cost, $9,000.

A. B. Johnson, brick veneer flats, 254-256 Thirteenth Ave., s; cost, $20,000.

New York, N. Y.— *Seventy-eighth St.*, n s, 40′ w Amsterdam Ave., 2 five-st'y brick flats, tin and cement roofs; cost, $60,000; owners, Gunn & Grant, 1060 and 1380 Amsterdam Ave.; architect, G. A. Schellenger, 128 Broadway.

Eighty-second St., n s, 27′ 9″ e Lexington Ave., 2 five-st'y brick flats, tin roofs; cost, $60,000; owners, Higgins & King, 307 East Eighty-seventh St.; architects, Thom & Wilson, 1267 Broadway.

Lexington Ave., n e cor. Eighty-second St., five-st'y brick flat, tin roof; cost, $35,000; owners, Higgins & King, 307 East Eighty-seventh St.; architects, Thom & Wilson, 1267 Broadway.

Ninety-sixth St., n s, 100′ e Park Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Francis J. Schnugg, 129 East Ninety-fifth St.; architect, Louis Eutzer, Jr., 179 East Ninety-sixth St.

Fifth Ave., n e cor. One Hundred and Thirty-third St., five-st'y brick flat, tin roof; cost, $85,000; owner, James Everard, Broadway and Twenty-fourth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

South One Hundred and Eighteenth St., 100′ e Eighth Ave., 8 five-st'y brick flats; cost, $136,000; owner, Thomas Jenkins, 314 West One Hundred and Sixteenth St.; architects, Walgrove & Israels, 99 Nassau St.

Roberts Station (Waltham), Mass. —*South St.*, cor. Turner St., three-st'y frame apartment-house, hip roof, 36′ x 68′; owner, William Roberts; builder, George E. Strout; architect, H. M. Stephenson, Boston.

Worcester, Mass. — *Main St.*, five-st'y brick apartment block; owner, H. H. Houghton; contractor, Geo. M. Hubbard; architects, Barker & Nourse.

Main St., four-st'y brick apartment block; owner, Gilbert H. Harrington; contracts not let; architects, Barker & Nourse.

CHURCHES.

Boston, Mass.— *Prince St., No.* 33, Ward 6, two-st'y brick church, pitch roof, 52′ x 72′; owner, Order of St. Francis; builders, Orne & Lawrence.

Brooklyn, N. Y.— *Milton St.*, n s, 631′ 8″ e Franklin St., one-st'y brick church and school, slate roof; cost, $30,000; owner, Ev. Luth. St. John's Church, 146 Meserole Ave.; architect, Th. Engelhardt, 905 Broadway.

Chicago, Ill. — Rev. Joseph Le Sage, brick church, 3833-47 California Ave.; cost, $40,000.

Philadelphia, Pa.—*Penn St.*, n w cor. Orthodox St., church; contractor, Wilson Milnor.

Forty-seventh St., e s, n Springfield Ave., one-st'y chapel; contractor, N. Cavanagh.

Master St., s s, w Sixteenth St., two-st'y church; contractors, W. W. Rea & Son.

West Roxbury, Mass. — *Corey St.*, stone church, 45′ x 82′, seating-capacity about 200, for Unitarian Society; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Worcester, Mass. — *Woodland St.*, two-st'y frame church; owner, All Souls' Universalist Parish; contractor, George Kington; architect, A. F. Gray, Boston, Mass.

FACTORIES.

Brooklyn, N. Y. — *Graham Ave.*, w s, 165′ n DeKalb Ave., three-st'y brick factory, gravel and felt roof; cost, $40,000; owner, Julius Kayser, Greene St., New York City; architect, Wm. H. Beers, *Tribune* Building, New York City.

Chicago, Ill. — Russel C. Price, six-st'y factory, 248-250 Illinois St.; cost, $10,000.

G. C. Hutchinson, three-st'y factory, 194 South Desplains St.; cost, $12,000.

(*Continued on page* xvi.)

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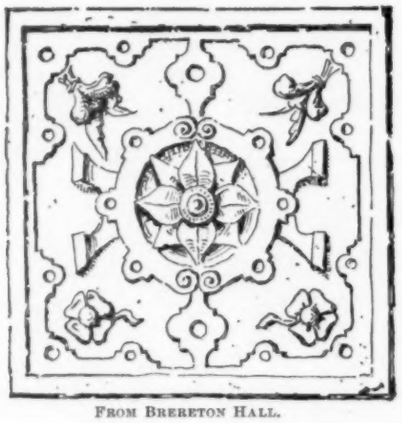

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ALTHOUGH the Architecture of the Renaissance in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. The desire for domestic comfort led to the erection or the re-modelling of a vast number of houses; whilst the desire for display led great noblemen to vie one with the other in the extent and splendor of the palaces they erected. From one end of the land to the other rich men built, adorning their houses with an infinite variety of detail, dictated by local conditions of material or modes of workmanship, but all conforming to the new style which had found its way to every part of England; but in planting itself on English soil the new style assumed distinctly English characteristics, which it retained until it became submerged beneath the advancing tide of universal Classic. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Condover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

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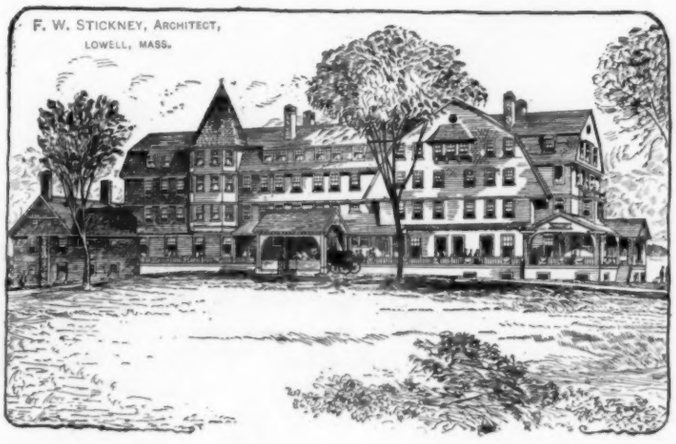

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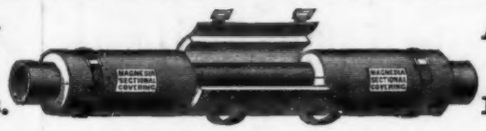

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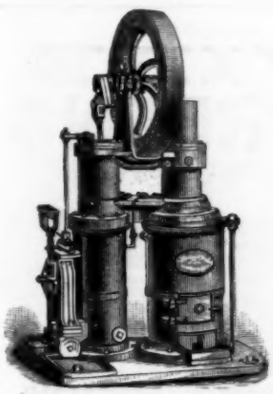

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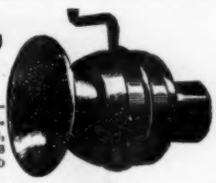

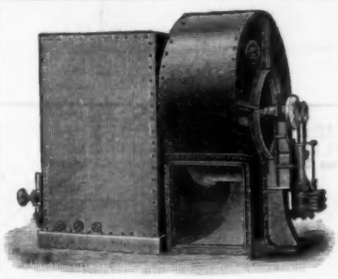

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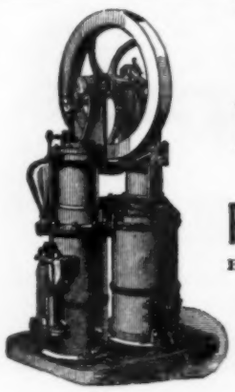

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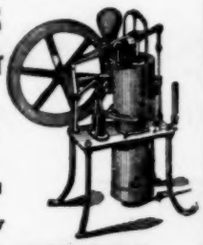

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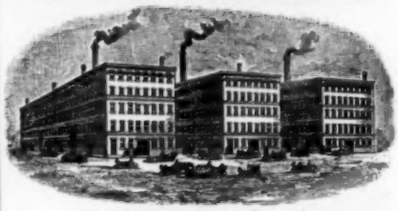

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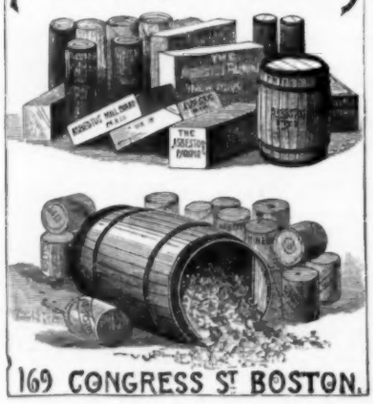

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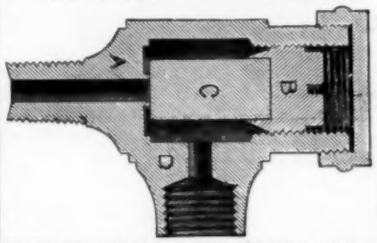

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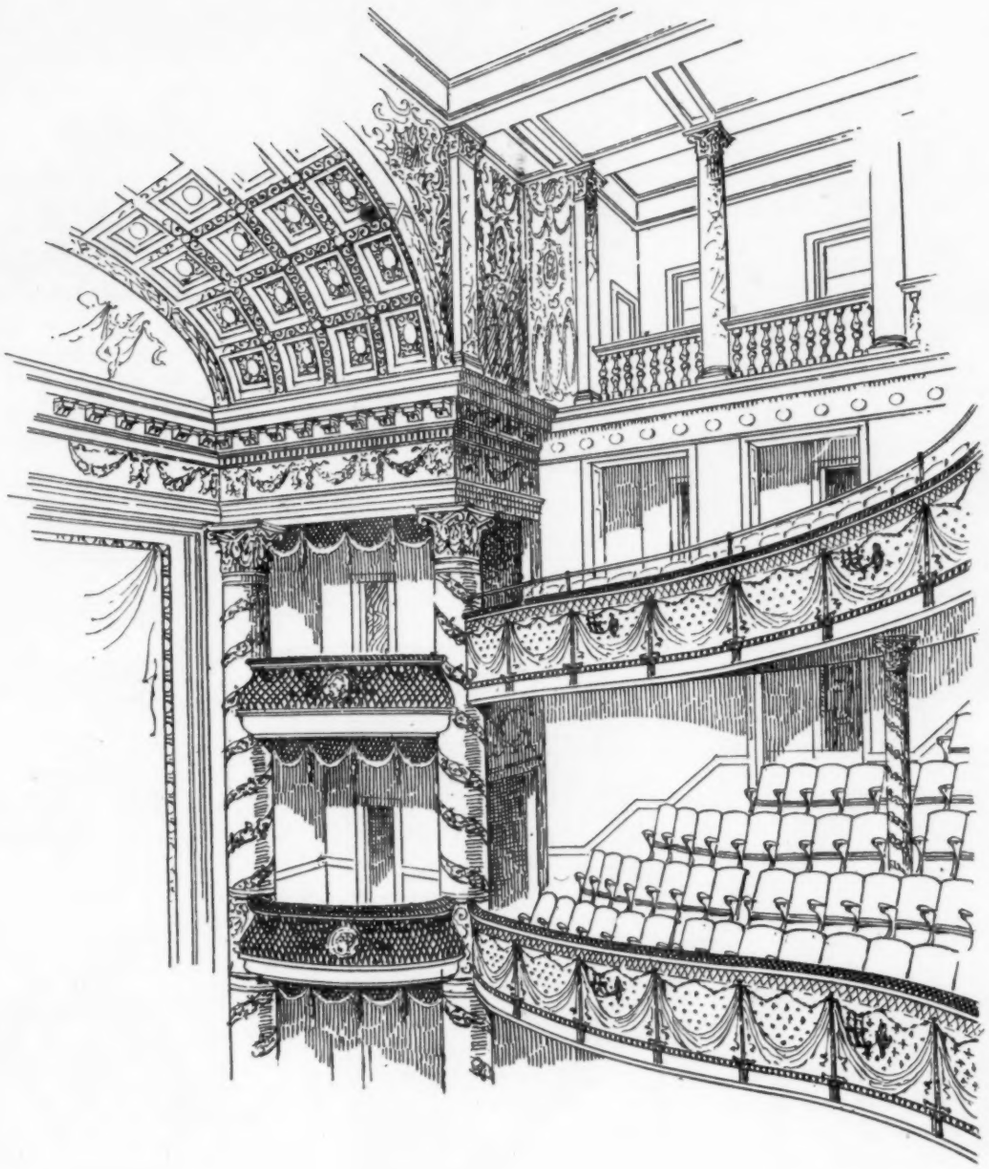

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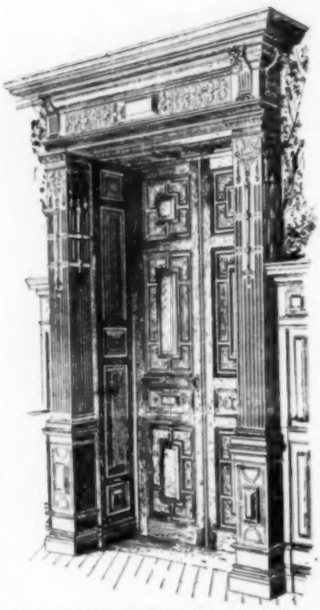

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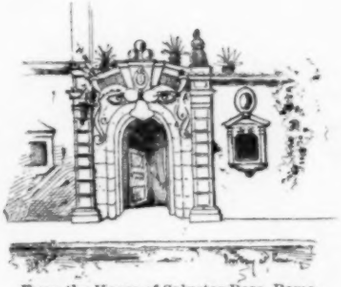

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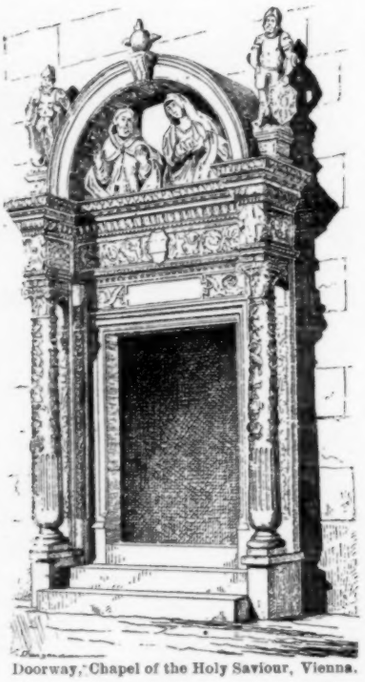

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A. L. Gorter, 10 four-st'y brick buildings, s s Preston St., bet. Maryland Ave. and Cathedral St.

Boston, Mass.—*Gladstone St.*, near Breed St., Ward 1, frame dwell., 23.6′ x 27′; owner, W. H. Linnell; builder, D. D. Fish.

Magnolia St., No. 145, Ward 20, three-st'y frame dwell., flat roof, 26.6′ x 66.6′; owner, Henry Ford; builder, J. Eaton.

Quincy St., cor. Mt. Everett St., Ward 24, frame dwell., 18.6′ x 31′; owner and builder, C. D. Bradbury, Jr.

Leyden St., near Breed St. and cor. Breed St., Ward 1, 2 three-st'y frame dwells. and store, flat roofs, 21.6′ x 44′; owner, J. McWeeney.

Charles Gate, East, n s, cor. Beacon St., Ward 22, four-st'y brick dwell., mansard roof, 25′ x 70′; owner, W. S. Bryant; builder, C. A. Dodge.

Magnolia St., No. 105, *rear*, Ward 24, frame dwell., 23′ x 46′; owner, W. H. Hubbard; builder, Michael Sullivan.

Grainger St., near Elmore St., Ward 21, three-st'y frame dwell., pitch roof, 26.6′ x 49′; owner, J. R. Merrigan; builder, J. J. Flynn.

Winship St., No. 36, *rear*, Ward 25, two frame dwells., 20′ x 29′; owner, Kate Phelan; builder, D. De Grace.

Dromey Ave., No. 14, *and Dromey St.*, Ward 21, 2 three-st'y frame dwells., flat roofs, 22′ x 40′; owner, Catharine Drummey; builder, W. Dromey.

Batchelder St., No. 28, Ward 20, three-st'y frame dwell., pitch roof, 23′ x 40′; owner and builder, F. R. Perkins.

Walnut Ave., cor. Harrishof St., Ward 21, frame dwell., 40.9′ x 43.8′; owner, Joseph Stone.

Dorchester Ave., cor. Mt. Vernon St., Ward 15, three-st'y frame dwell. and store, flat roof, 25′ x 36′; owner, John F. Lynch; builder, P. Schneider.

Sycamore St., opp. Brooks St., Ward 23, frame dwell., 27′ x 30′; owner, John Nelson; builder, W. Swanson.

Mt. Vernon St., near Dorchester Ave., Ward 15, three-st'y frame dwell., flat roof, 25′ x 36′; owner, J. F. Lynch; builder, P. Schneider.

Monroe St., No. 35, Ward 21, three-st'y frame dwell., flat roof, 37.3′ x 62′; owner, H. G. Brown; builder, W. Swanson.

South St., near Anson St., Ward 23, frame dwell., 22′ x 51.6′; owner, Frank Anthony; builder, J. J. Flynn.

Howard Ave., near Julian Ave., Ward 20, frame dwell., 52′ x 86′; owner, H. C. Hemmingway; builders, Burke Bros.

James St., near Poplar St., Ward 23, frame dwell., 23′ x 32.6′; owner and builder, J. W. Brown.

Welles Ave., near Washington St., Ward 24, frame dwell., 22.6′ x 50′; owners, A. H. Curtis and Isabella Connell; builder, G. W. Oliver.

Wrentham St., near Ashmont St., Ward 24, eight frame dwells., each 22′ x 38′; owner and builder, J. I. Stewart.

Weldon St., near Walk Hill St., Ward 23, two frame dwells., each 21′ x 45.9′; owner, James Doyle; builder, T. J. Tobin.

Emerson St., near L St., Ward 14, two frame dwells., flat roofs, 22′ x 42.6′; owner, John A. Davis; builder, Thomas Raynor.

Prince St., No. 29, Ward 6, four-st'y brick dwell., flat roof, 14.6′ x 32′; owners, Order of St. Francis; builders, Orne & Lawrence.

Walk Hill St., near Blue Hill Ave., Ward 24, frame dwell., 34′ x 36′; owner, H. M. George; builders, J. A. Vickery & Son.

Harvest St., No. 33, Ward 15, frame dwell., 24′ x 42′; owner, F. S. Gove; builder, J. G. Eaton.

Nelson St., near Norfolk St., Ward 24, three-st'y frame dwell., flat roof, 22′ x 48′; owner and builder, James Floyd.

Norfolk St., No. 23, Ward 21, three-st'y frame dwell., flat roof, 22′ x 34′; owner, J. C. Fuller; builder, I. A. Medbury.

Savin Hill Ave., No. 25, Ward 24, 2 three-st'y frame dwells. and store, flat roof, 22′ x 65′; owner, W. A. Hall; builder, John Bass.

Unnamed Court, from Blue Hill Ave., near Dewey St., Ward 20, three-st'y frame dwell., flat roof, 26′ x 53′; owner, Thomas Madden; builder, H. McLaughlin.

Unnamed Court, near Cherry St., Ward 20, three-st'y frame dwell., flat roof, 22′ x 30′; owner, Wm. Riley; builder, H. J. McNabb.

Wheatland Ave., near Washington St., Ward 24, three-st'y frame dwell., pitch roof, 24.6′ x 52.10′; owner, Mrs. A. A. Davenport; builder, M. E. Brownell.

Dorchester Ave., No. 1677, Ward 24, frame dwell., 27′ x 53′; owner and builder, Ira Medberry.

Magnolia St., No. 92, Ward 20, frame dwell., 25′ x

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52′; owner, Oliver L. Shaw; builders, Morton & Chase.

Dakota St., near Geneva Ave., Ward 24, frame dwell., 25′ x 44′; owner, Samuel S. Morris; builder, John Bass.

Brooklyn, N. Y.— *Tenth St.*, n s, 97′ 10½″ e Eighth Ave., 4 three-st'y brick dwells., tin roofs; cost, $28,000; owner, Thos. Brown, 667 Tenth St.; architect, W. M. Coots, 26 Court St.

Rogers Ave., e s, 70′ s Prospect Pl., four-st'y brick dwell., tin roof; cost, $8,000; owner, John Behrens, 668 Prospect Pl.; architect, W. M. Coots, 26 Court St.

Sixteenth St., n s, 88′ e Eighth Ave., 4 two-st'y brick dwells., tin roofs; cost, $16,000 each; owner, architect and builder, Edwin J. Bedell, 26 Court St.

Garfield Pl., s s, 212′ e Eighth Ave., 4 three-st'y brick dwells., tin roofs; total cost, $32,000; owner, Fred J. Griswold, 497 First St.

Warren St., s s, 200′ w Third Ave., four-st'y brick dwell., tin roof; cost, $5,000; owner, Patrick Daly, 525 Baltic St.

Pacific St., n s, 148′ w Buffalo Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner and architect, Geo. F. Van Dorn, 346 Macon St.

Greene Ave., s s, 170′ w Wyckoff Ave., 5 two-st'y frame dwells., tar and gravel roofs; cost, $2,000 each; owner, Oscar Case, 297 McDougal St.; architect, Virgil Case.

Evergreen Ave., n e cor. Eldert St., three-st'y frame dwell., tin roof; cost, $4,000; owners, architects and builders, Cozine & Gascoine, 1223 Bushwick Ave.

McDonough St., n s, 21′ w Hopkinson Ave., 4 three-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Wm. McClennahan, 1911 Bergen St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Jefferson Ave., n s, 100′ w Howard Ave., 4 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner and architect, C. E. Palmer, 832 Jefferson Ave.

Schermerhorn St., s s, 77′ e Nevins St., three-st'y brick dwell., tin roof; cost, $5,000; owner, Dr. Wm. Griffiths, Schermerhorn and Nevins Sts.; architect, M. J. Morrill, 357 Fulton St.

Jamaica Ave., s w cor. Elton St., two-st'y frame dwell., shingle roof; cost, $5,000; owner, Albert W. Houchin, Dresden St., near Jamaica Ave.; architect, Chas. Infanger, 68 Van Siclen Ave.

Fifty-second St., s s, 100′ w Fourth Ave., 4 three-st'y brick dwells., tin roofs; cost, $4,200 each; owner, J. B. McQuillen, Third Ave. and Fifty-second St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

McKibben St., No. 118½, bet. Ewen St. and Graham Ave., four-st'y frame dwell., tin roof; cost, $5,000; owner, Philip Wers, 116 McKibben St.; architect, Henry Vollweiler, 486 Hart St.

Second St., s s, 91′ w Seventh Ave., 6 three-st'y brick dwells., tin roofs; cost, $42,000; owner, Miss Jennie L. Ross, 448 Fifth St.; architect, John L. Young, 287 Halsey St.

Vernon Ave., n s, 225′ e Nostrand Ave., 6 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,000 each; owner, architect and builder, John W. Parkin, 40 Vernon Ave.

Twentieth St., No. 447, n s, bet. Eighth and Ninth Aves., three-st'y frame dwell., tin roof; cost, $5,000; owner, James Costello, 447 Twentieth St.; architect, W. H. Wirth, 358 Seventeenth St.

Harman St., s s, 150′ e Central Ave., 6 three-st'y frame dwells., tin roofs; cost, $4,500 each; owners, Hahn Bros., 286 Central Ave.; architect, Albert Beirkmeier, 101 Ralph St.

Evergreen Ave., w s, 50′ s Jefferson Ave., 2 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner, George D. Meyram, adjoining premises; architect, H. Vollweiler, 486 Hart St.

McDougal St., n s, 300′ e Hopkinson Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, John O. Whitneck, Chauncey and Rockaway Aves.; architect, H. Vollweiler, 486 Hart St.

Christopher Ave., w s, 250′ s Sutter Ave., 8 two-st'y frame dwells., tin roofs; cost, $2,400 each; owner and architect, George A. Remsen, 461 Quincy St.

Fifty-third St., s s, 80′ w Fourth Ave., 3 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, J. B. McQuillen, Fifty-third St., near Fourth Ave.; architects, H. L. Spicer & Son, Fifty-third St. and Third Ave.

Van Cott Ave., s s, 25′ w North Henry St., three-st'y frame dwell., tin roof; cost, $4,500; owner, Henry Flechsenhaar, 200 Kent St.; architect, H. Vollweiler, 486 Hart St.

Arlington Ave., n s, 35′ w Jerome St., two-st'y frame dwell., shingle roof; cost, $4,500; owner, Fred D. Hart, Chestnut St., near Fulton St.; architect, Archibald McLean, Ridgewood Ave.

Putnam Ave., s s, 334′ e Reid Ave., 6 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner, architect and builder, John J. De Vere, 749 Jefferson Ave.

Steuben St., e s, 65′ s Park Ave., three-st'y brick dwell., tin roof; cost, $5,700; owner, Wm. Plath, 342 Park Ave.; architect, S. Harbison, 2 Arlington Place.

Chicago, Ill.— Kuhn Bros., seven cottages, 77-89 Moffatt St.; cost, $4,000.

M. Baskerfield, two-st'y dwell., Commercial Ave. near Leland St.; cost, $3,600.

William G. Hibbard, three-st'y dwell., 1826 Calumet Ave.; cost, $20,000.

F. Madalener, three-st'y dwell., Private and Clark Sts.; cost, $20,000.

H. J. Peck, 2 two-st'y dwells., Alexander Ave.; cost, $7,000.

Otto Woolf, two-st'y dwell., 651-653 Pine Grove Ave.; cost, $6,000.

F. T. Murphy, six cottages, 5519-5535 Bishop St.; cost, $3,000.

John Byers, two dwells., 377 Oakwood St.; cost, $15,000.

J. S. Smith, three-st'y dwell., 3408 South Park Ave.; cost, $10,000.

Hamilton, Mass.— Frame dwell., 45′ x 110′; owner, A. P. Gardner; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Minneapolis, Minn.— Louis Moses, double dwell., 2826-28 Second Ave., s; cost, $10,000.

H. H. Bendett, frame dwell., 3116 Third Ave.; cost, $5,000.

New York, N. Y.— *Seventy-fourth St.*, s s, 300′ w Ninth Ave., 5 four-st'y brick dwells., tin roofs; cost, $125,000; owner, James Carlew, 17 West One Hundred and Twenty-second St.; architect, Theo E. Thomson, 247 West One Hundred and Twenty-fifth St.

One Hundred and Sixtieth St., s s, 183′ 4½″ e St. Nicholas Ave., 2 three-st'y brick dwells., tin roofs; cost, $27,000; owner, Amasa T. Dale, 641 Walton Ave.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Seventy-first St., s s, 175′ w Amsterdam Ave., 7 three-st'y brick dwells., tin roofs; cost, $84,000; owners, Edelmeyer & Morgan, 117 West Seventy-first St. and 367 West Forty-eighth St.; architect, G. F. Pelham, 1481 Broadway.

Riverside Drive, cor. Ninetieth St., brick and stone dwell. and stable; owner, John Matthews; architects, Lamb & Rich.

Seventy-fifth St., n s, 112′ e Ninth Ave., 4 four-st'y brick and stone dwells.; cost, $115,000; owner, James T. Hall; architect, George W. Budlong.

Philadelphia, Pa.— *Green Lane*, w Park Ave., two-st'y frame dwell.; contractor, James Allbright.

Sixty-second-a-half St., s Vine St., 2 two-st'y dwells.; contractor, C. R. Buckswalter.

Thirty-first St., w s, n Diamond St., 10 three-st'y dwells.; owners, J. H. Stevenson & Son.

Bartram St., w s, n Seventy-ninth St., three-st'y dwell.; owner, Peter McCray.

Front St., ab. Ontario St. two-st'y dwell.; owner, Robert McIntire.

Frankford Ave., e Foulkrod St., two-st'y dwell.; owner, S. Priest.

Foulkrod St., w Mulberry St., two-st'y dwell.; owner, Alfred Gray.

Penn St., w Harrison St., two-st'y dwell.; contractor, Thos. Rush.

Pratt St., e s, s Ditman St., 2 two-st'y dwells.; contractor, Thos. Rush.

Vine St., s s, w Sixty-first St., two-st'y dwell.; contractor, G. W. Steinmetz.

Fairmount Ave., n e cor. Lex St., 4 two-st'y dwells.; contractors, Corney & Moore.

Lex St., s s, w Forty-fourth St., 4 two-st'y dwells.; contractors, Corney & Moore.

Tioga St., No. 1419, three-st'y dwell.; contractor, B. F. Walker.

Mercer St., w s, s Allegheny Ave., 9 two-st'y dwells.; owner, James C. Moore.

Orianna St., e s, n Indiana Ave., 26 two-st'y dwells.; contractor, J. S. Kelly.

North Sixteenth St., No. 1511, three-st'y dwell.; contractor, J. R. Garber.

Sixth St., w s, n Somerset St., 2 three-st'y dwells.; contractor, I. M. Cassell.

Wayne St., w s, s School Lane, two-st'y dwell.; contractor, W. J. Gruhler.

McCallum St., n Green St., two-st'y dwell.; contractor, W. J. Gruhler.

Westmount St., w Thirty-first St., 6 two-st'y dwells.; *Thirty-first St.*, w s, n Diamond St., 8 three-st'y dwells.; *Westmount St.*, s s, w Thirty-first St., 10 two-st'y dwells.; owners, J. H. Stevenson & Son.

Titan St., n s, w Twenty-seventh St., 6 two-st'y dwells.; owner, John I. McDuffee.

Twenty-eighth St., w s, n York St., 10 two-st'y dwells.; owner, Charles A. Warfield.

Thirty-fourth St., e s, s Fairmount Ave., 3 three-st'y dwells.; owner, Samuel Beran.

Dauphin St., n w cor. Broad St., three-st'y dwell. and store; owner, C. C. Moore.

Dauphin St., s w cor. Broad St., three-st'y dwell. and store; owner, C. C. Moore.

Forty-eighth St. and Chester Ave., 4 two-st'y dwells.; owner, James D. Arthur.

Hermann St., No. 2728, two-st'y dwell.; owner, John Schwarzmann.

Second St., e, w s, n Snyder Ave., 14 two-st'y dwells.; owners, Brennan & Bro.

Hancock St., e s, n Snyder Ave., 2 two-st'y dwells.; owners, Brennan & Bro.

Sellers St., s s, w Wingohocking St., 2 two-st'y dwells.; contractor, William M. France.

Seventeenth St., w s, *and Tioga St.*, 7 three-st'y dwells.; owner, L. K. Slifer.

Tacony St., e Paul St., 2 two-st'y dwells.; owner, Benjamin Taylor.

Chew St., n e cor. Washington Lane, 3 three-st'y dwells.; contractor, W. H. Brenner.

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Atherton St., e s, s Marriott St., 3 three-st'y dwells.; owner, J. L. Cresse.

Fisk Ave., e s, s Spencer St., 2 two-st'y dwells.; contractor, William Loughlin.

Fortieth St., e s, n Fairmount ave., 2 three-st'y dwells.; *Fairmount Ave.*, n s, e Fortieth St., 9 three-st'y dwells.; contractor, James Hood.

Green St., n s, e Germantown Ave., 4 two-st'y dwells.; owner, John Weibler.

Second St., s w cor. Daly St., 2 two-st'y dwells.; contractor, James E. Clark.

D St., e s, n Cambria St., two-st'y dwell.; contractor, Frank Deitrich.

Fifth St., w s, s Hoffman St., two-st'y dwell.; contractor, A. A. Ardis, Jr.

Fourth St., e s, s Snyder Ave., 10 two-st'y dwells.; owner, John J. Cassidy.

Penn St., e s, s Ruan St., 2 two-st'y dwells.; contractor, Wm. H. Yelland.

Thomas St., n s, e Green St., 4 two-st'y dwells.; contractors, Osbourne Bros.

Anthracite St., s s, w Thompson St., two-st'y dwell.; contractor, Geo. W. Stewart.

Belair and Cotton Sts., 5 two-st'y dwells.; contractor, Frank Gillett.

Siegel St., s s, w Twentieth St., 7 two-st'y dwells.; owner, E. McGrath.

Smick St., w Fountain St., 2 two-st'y dwells. and stores; owner, Henry Ashworth.

Thirtieth St., w s s York St., 3 three-st'y dwells. and two stores; owners, Roth & Flackenstine.

York St., s s, w Thirtieth St., 5 two-st'y dwells.; owners, Roth & Flackenstine.

Queen Lane, n s, e Thirty-fifth St., 2 two-st'y dwells. and stores; owner, Geo. Davenport.

Broad St., w s, s Mifflin St., 2 three-st'y dwells.; owner, James H. Hamilton.

Twenty-third St., s w cor. Locust St., three-st'y dwell.; owner, John Stafford.

Twenty-third St., w s, s Locust St., 5 three-st'y dwells.; owner, John Stafford.

Sixth St., s e cor. Snyder Ave., nine dwells.; owner, Edward C. Gillen.

Thirty-first St., w s, n Herman St., 7 two-st'y dwells.; owner, Wm. F. Albrecht.

Arizona Ave., s s, w Thirty-first St., 20 two-st'y dwells.; owner, Wm. F. Albrecht.

Morris St., s e cor. Twenty-first St., 9 two-st'y dwells.; owner, Dr. Thomas Hunter.

Colorado St., n York St., 36 two-st'y dwells.; owner, John Loughran.

Crothers Ave., s Eighty-seventh St., two-st'y dwell.; owner, Thomas Humelwright.

Front St., w s, n Somerset St., 2 two-st'y dwells.; owner, Alex Miller.

Fifteenth St., e s, s Moore St., 23 two-st'y dwells., also 15 two-st'y dwells. w s Moore St.; owner, S. Flanagan and J. H. Beverlin.

Pittsburgh, Pa. — *East End*, frame dwell., 48' x 62'; owner, F. G. Kay; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

BUILDING INTELLIGENCE.

Providence, R. I. — *Irving Ave.*, n w cor. Taber Ave., two-and-one-half-st'y frame dwell.; cost, $6,000; owner, Amelia F. Freeborn; builder, A. W. Goff.

Prairie Ave., s w cor. Prairie Ave., two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Joseph De Amaral.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $6,000; owner, M. Benoist; contractors, J. B. LaBarge & Co.

Two-st'y brick dwell.; cost, $5,000; owner and contractor, C. G. Ewing.

Two-st'y brick dwell.; cost, $3,750; owner, James P. Whyte; contractor, C. H. Tacke.

Two-st'y brick dwell.; cost, $6,500; owner, T. Wilde; contractor, C. Inkamp.

Two-st'y brick dwell.; cost, $7,000; owner, Mrs. L. Brauer; contractors, Warhoff & Kennell.

Two-st'y brick dwell.; cost, $2,500; owner, E. Heyer; contractors, Warhoff & Kennell.

Two-st'y brick dwell.; cost, $2,500; owner, Dr. H. Heideman; contractors, Warhoff & Kennell.

Two-st'y brick dwell.; cost, $7,900; owner, Thos. Cantwell; contractors, Chapman & Thursby.

Two-st'y brick dwell.; cost, $3,000; owners, State Savings Fund & Building Co.; contractor, E. P. Shassere.

Two two-st'y brick dwells.; cost, $10,000; owner, Mrs. Klausman; contractors, Ziegelmeyer & Suter.

Two-st'y brick dwell.; cost, $4,000; owner, Jno. Fresh; contractor, Ph. Tiemann.

Two-st'y brick dwell.; cost, $5,000; owner, Jno. Miller; contractor, George Smith.

Two-st'y brick dwell.; cost, $5,000; owner, Amelia Day; contract, sublet.

Two-st'y brick dwell.; cost, $6,200; owner, Sarah M. Posse; contractor, M. Dunn.

Four two-st'y brick dwells.; cost, $10,000; owner and contractor, M. B. Scanlon.

Two-st'y frame dwell.; cost, $10,000; owner, G. W. Stoutenberg; contractor, F. S. LaBarge.

Three-st'y brick dwell.; cost, $10,000; owner and contractor, T. C. Higgins.

Two-st'y brick dwell.; cost, $2,800; owner, W. Dunbar; contractors, S. Marsden & Son.

Two two-st'y brick dwells.; cost, $7,000 each; owner, L. Gordon; contractor, F. S. La Barge.

Two-st'y brick dwell.; cost, $4,500; owner, Louis Edler; contract, sublet.

Three three-st'y dwells.; cost, $6,000 each; owner, H. G. Isaacs; contractor, S. M. Rose.

Two-st'y brick dwell.; cost, $2,600; owner, Conzelman Staum R. E. Co.; contractor, N. M. Thomas.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, D. Strong.

Two-st'y brick dwell.. cost, $30,000; owner, W. F. Nolker; contractors, Bothe & Raterman.

Two-st'y brick dwell.; cost, $5,000; owners, C. Lemburg & Son; contractor, C. Gestering.

Two-st'y brick dwell.; cost, $2,500; owner, W. Meyer; contractors, W. Riewe & Son.

Two-st'y brick dwell.; cost, $3,500; owner, P. Bruesh; contractor, H. Ellerman.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, A. Hoover.

Three two-st'y brick dwells.; cost, $2,500; owner and contractor, J. C. Newberry.

Two-st'y brick dwell.; cost, $4,000; owner, Mrs. F. Teichman; contractor, A. Wagner.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, A. Meglitsch.

Two-st'y brick dwell.; cost, $4,500; owner and contractor, P. McCarty.

Two-st'y brick dwell.; cost, $4,500; owner, H. Weger; contractor, Edward Paulus.

Two-st'y brick dwell.; cost, $2,600; owner, A. Schenke; contractor, E. A. Sanguinet.

Two-st'y brick dwell.; cost, $4,900; owner, Mrs. A. Thomas; contractors, Klutho & Boeke.

Worcester, Mass. — *Endicott St.*, two-st'y frame dwell.; owner, A. Bordman; contractor, D. M. Waterman.

Oneida St., two-st'y frame dwell.; owner, George A. Purrington; contractor, James I. Elliot; architect, D. W. Tinsley, Fitchburg.

Mason St., three-st'y frame dwell.; owner, J. B. Tucker.

Hudson-St. Ct., two-st'y frame dwell.; owners and contractors, Miles & Houck.

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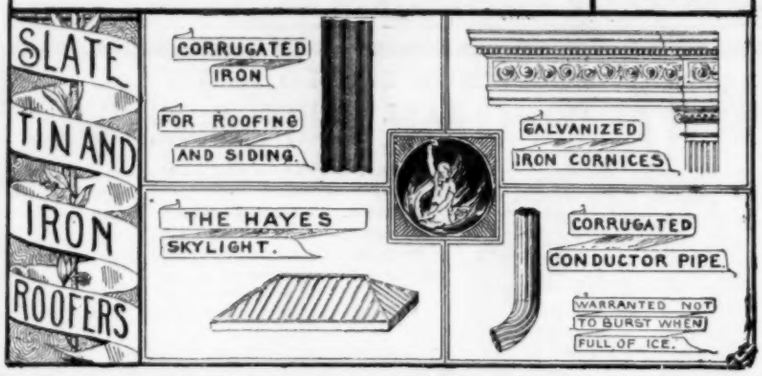

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BUILDING INTELLIGENCE.

One-st'y frame dwell.; owner, J. Lajoi; contract not let; architects, Patstone & Lincoln.

Two-st'y frame dwell.; owner, B. F. Harrington; contract not let; architects, Patstone & Lincoln.

Edgeworth St., two-st'y frame dwell.; owner, Chas. Vestel; contractor, L. M. Peterson.

Gage St., three-st'y frame dwell.; owner and contractor, J. J. Higgins.

Elmer St., two-st'y frame dwell.; owner, Mrs. E. G. Wright; contractor, G. W. Smith.

Millbury St., three-st'y frame dwell.; owner, J. E. Hicks; contractor, J. A. McDermott.

Vernon St., three-st'y frame dwell.; owner, John W. McNamara; contract not let.

Kendall St., three-st'y frame dwell.; owner, J. Johnson; contractor, L. M. Peterson.

OFFICE-BUILDINGS.

New York, N. Y.—*Maiden Lane, Nos.* 21-23, eight-st'y fireproof office-building; cost, $175,000; owners, F. K. & W. H. Hays; contractor, J. E. Thomas.

PUBLIC BUILDINGS.

New York, N. Y. — *One Hundred and Twenty-third St.*, s s, 40′ e Lenox Ave., five-st'y stone and brick library; cost, $60,000; owners, Harlem Library Society.

SCHOOL-HOUSES.

Brooklyn, N. Y. — *South Eighth St.*, n s, 100′ w Driggs St., three-and-four-st'y brick business college, tin roof; cost, $65,000; owner, Henry C. Wright; architect, W. H. Gayler, 110 South Eighth St.

Carroll St., n s, 192′ e Sixth Ave., four-st'y brick school, tin and slate roof; cost, $35,000; owners, Sisters of St. Joseph, Flushing, L. I.; architect, Charles Wermer, Garfield Building.

St. Louis, Mo.—Two-st'y brick schoo -house; owner, Rev. J. M. McCaffrey; contractor, M. Laim.

STABLES.

Philadelphia, Pa. — *Allison St., No.* 1340, two-st'y stable; contractor, R. O. Toole.

Seventy-second St., n w cor. Grays Ave., one-st'y stable; owner, T. W. Futcher.

Tyson St., w s, n Cumberland St.; two-st'y stable.

Seigel St., w Eleventh St., one-st'y stable; owner, J. J. Fields.

Roxbury, Mass. — *Townsend St.*, frame stable, 37′ x 45′; owner, George W. Gregory; contract to be let; architects, Lewis & Paine, Boston.

Worcester, Mass. — *May St.*, two-st'y frame stable; owner and contractor, J. A. Norcross.

Oneida St., one-st'y frame stable; owner, George A. Purrington; contractor, James I. Elliot; architect, D. W. Tincley, Fitchburg.

STORES.

Brooklyn, N. Y. — *Prospect St.*, n e cor. Charles St., four-st'y brick store and dwell., tin roof; cost, $8,500; owner, Thomas F. Quinn, premises; architect, Robert Dixon, 219 Montague St.

Grand Ave., s w cor. St. Mark's Ave., four-st'y brick stores and flats, tin roof; cost, $12,000; owner, architect and builder, W. J. Conway, 709 Union St.

Manhattan Ave., e s, 75′ n Meserole Ave., 2 four-st'y brick stores and dwells., tin roofs; cost, $18,000; owner, John H. Behre, 76 Morton St.; architect, John Mumford, 16 Court St.

Fulton St., s s, 76′ w Linwood St., three-st'y frame store and dwell., tin roof; cost, $5,200; owner, Wm. Reuss, Fulton St., near Essex St.; architect, Chas. Infanger, 68 Van Siclen St.

Bedford Ave., e s, 92′ s Prospect Pl., four-st'y brick store and dwell., tin roof; cost, $12,000; owner, Wm. Burrows, 50 Herkimer St.; architect, John T. Wachter, 141 Lefferts Pl.

Cornelia St., s w cor. Evergreen Ave., four-st'y frame store and dwell., tin roof; cost, $7,500; owner, Richard Dreyer, 282 Hooper St.; architect, Th. Engelhardt, 905 Broadway.

Thatford Ave., e s, 75′ s Belmont Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $5,500; owner, L. Ratner, Osborne St., near Belmont Ave.

Flushing Ave., n e cor. Vandervoort Ave., four-st'y frame store and dwell., tin roof; cost, $5,000; owner, architect and builder, Peter Johnson, 13 Covert St.

Moore St., s s, bet. Ewen and Leonard Sts., four-st'y frame store and dwell., tin and felt roof; cost, $8,000; owner, J. Feldman, 16 Moore St.; architect, Hugo Smith, 27 Moore St.

Sackman St., s e cor. Belmont Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $2,000 each; owner, S. C. Wilson, 2499 Atlantic Ave.

Marcy Ave., s e cor. Lynch St., four-st'y brick store and dwell., tin roof; cost, $11,000; owner, Mrs. Brenner, Union Ave.; architect, H. W. Billard, 99 Broadway.

Van Pelt Ave., n s, 25′ e Monitor St., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner, W. J. G. Bearns, 16 Court St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Myrtle Ave., n s, 65′ w Greene Ave., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, George Nimmo, 31 Amsterdam Ave., New York; architect, Th. Engelhardt, 905 Broadway.

Liberty Ave., n w cor. Schenck Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $10,000; owner, Frank Sutter, Fulton Ave., near Georgia St.; architect, Louis F. Schillinger, Liberty Ave., cor. Barbey St.

Osborn St., e s, 250′ n Belmont Ave., three-st'y frame store and dwell., tin roof; cost, $4,400; owner, Abraham Ruth, Thatford Ave.

Bergen St., e s, 25′ e Rochester Ave., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, Wm. G. Barnewald, 1662 Bergen St.; architect, Charles Infanger, 68 Van Siclen Ave.

Ewen St., n w cor. Seigel St., five-st'y brick store and shop, tin roof; cost, $6,500; owner, Samuel Cassel, Ewen and Seigel Sts.; architects, D. Acker & Son, 752 Broadway.

Van Pelt St., n e cor. Monitor St., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner, W. J. G. Bearns, 16 Court St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Washington St., Nos. 237-239, 2 one-st'y brick stores, tin roofs; cost, $2,000 each; owner, Mrs. E. A. Gilbert, 163 Jeroloman St.; architect, Myrm C. Rush, 329 Franklin Ave.

Knickerbocker Ave., e s, 50′ s Himrod St., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,800 each; owner, E. Augustine, on premises; architects, D Acker & Son, 752 Broadway.

Bedford Ave., No. 1080, four-st'y brick store and dwell., tin roof; cost, $10,000; owner, Mrs. Meta Bahrenburg, 1078 Bedford Ave.; architect, Carl F. Eisenach, 59-61 Court St.

Broadway, n e cor. Kossuth Pl., 2 four-st'y brick stores and dwells., tin roofs; cost, $28,000; owner, Mary J. Heichthausen, 27 Linden St.; architect, G. H. Bohannon, 175 Stuyvesant Ave.

Throop Ave., s w cor. Gerry St., three-st'y brick store and dwell., tin roof; cost, $8,000; owner, Michael Zirkle, Throop Ave. and Gerry St.; architects, D. Acker & Son, 752 Broadway.

Manhattan Ave., e s, 100′ s Calyer St., four-st'y frame store and dwell., tar and gravel roof; cost, $6,000; owner, John O'Brien, Whitestone, L. I.; architect, H. W. Billard, 99 Broadway.

Osborn St., e s, 100′ n Eastern Parkway, 2 three-st'y frame stores and dwells., tin roofs; cost, $2,000 each; owner, E. C. Powers, Eastern Parkway and Thatford Ave.

Smith St., No. 272, four-st'y brick store and dwell., tin roof; cost, $9,000; owner, Valentine Arbogast, 270 Smith St.; architect, W. H. Wirth, 358 Seventeenth St.

Chicago, Ill.—James Patton, two-st'y store and flats, Kensington Ave. near Front St.; cost, $29,000.

F. Kownsky, three-st'y store and flats, 150 Forty-fourth St.; cost, $6,000.

Frank E. Tuner, 5 four-st'y stores and flats, 1254-1258 North Clark St.; cost, $70,000.

R. Bueckner, three-st'y store and flats, 812 North Ashland Ave.; cost, $3,500.

Victor Bardonski, four-st'y store and flats, 638 Noble St.; cost, $15,000.

Charles Bremken, two-st'y store and flats, Sixty-third and Sangamon Sts.; cost, $3,000.

Mrs. Race, two-st'y store and dwell., Fifty-first and Carpenter Sts.; cost, $3,100.

Mrs. M. P. Findley, 2 three-st'y stores and flats, 6822-6824 Wentworth Ave.; cost, $18,000.

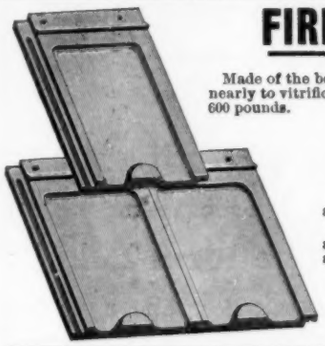
Minneapolis, Minn. — Frank Thiry, stores and offices, 9-11 Main St.; cost, $18,000.

Ole Nelson, brick stores and flats, 308-310 Twentieth St., n; cost, $11,000.

Philadelphia, Pa. — *Snyder Ave.*, n s, e Fourth St., two stores; owner, John J. Cassidy.

Brown St., s w cor. Forty-second St., three-st'y store and dwell.; owner, B. Lontz.

Roofing Materials.



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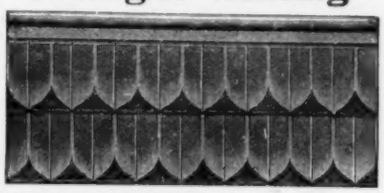

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COMPETITION.

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At the April term of the Davidson County Court, at Nashville, Tenn., we were authorized to advertise for competitive plans, specifications and estimates of cost for the erection of two buildings, a hospital for the insane and a home for the poor of said county.

Those desiring to enter such competition may obtain full information as to character of structures, location, etc., by addressing R. R. Caldwell, County Judge, Nashville, Tenn.

All plans, specifications and estimates of costs must be in the hands of the Committee **on or before June 15, 1891.**

JOHN OVERTON,
B. A. PHILLIPS,
J. H. JORDAN,
W. P. JONES,
J. P. DAKE,
D. F. BANKS,
R. R. CALDWELL,
804 Committee.

PROPOSALS.

May 9, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 3d day of June, 1891, for all the labor and materials required for the excavation, concrete foundations, stone and brick work of the basement and area walls, first-floor beams and girders, and basement columns, etc., for the United States Post-office building at Lowell, Mass., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Lowell, Mass. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Excavation, Concrete Foundations, Stone and Brick Work of the Basement and Area Walls, etc., for the United States Post-office building at Lowell, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 804

Proposals for Iron-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., May 9, 1891. Separate sealed proposals will be received at this office until 2 P. M. on Tuesday, the 26th day of May, 1891, and opened immediately thereafter in presence of bidders, for furnishing and delivering at the site of the Building for Library of Congress, in this city, the following iron-work, namely: Class 1.—Plate girders for second-story floor.

BUILDING INTELLIGENCE.

Gowen Ave., s s, e Boyer St., 2 three-st'y stores and dwells.; contractors, Peterson & Harting.

Orkney St., No. 2506, two-st'y store and dwell.; owner, Alex Boyd.

St. Louis, Mo. — Two-st'y brick store and dwell.; cost, $4,000; owner, P. Philipson; contractor, F. Mueller.

Two-st'y brick store and dwell.; cost, $4,200; owner, V. Schnitzer; contractor, F. Mueller.

Two-st'y brick store and dwell.; cost, $3,000; owner, H. Pielsticker; contractor, C. Valleroy.

Two-st'y brick store and dwell.; cost, $3,000; owners, Mrs. A. Ward; contractors, M. J. Ward & Co.

TENEMENT-HOUSES.

New York, N. Y.— *Willis Ave., No.* 293, four-st'y brick tenement-house, tin roof; cost, $10,000; owner, Harriet Kusche, 633 East One Hundred and Thirty-ninth St.; architect, William Kusche, 633 East One Hundred and Thirty-ninth St.

Somerville, Mass. — *Cherry St.*, two frame tenements, each 24' x 52.6', three stories, pitch roofs; owner, Charles F. Shourds; builder, Charles L. Weldon.

WAREHOUSES.

Baltimore, Md.—Bagby & Rivers will build five-st'y brick warehouse, Pratt St., n s, bet. Green and Penn Sts.

MISCELLANEOUS.

Brooklyn, N. Y. — *Irving St.*, n s, 130' e Van Brunt St., four-st'y brick boiler-room and warehouse, gravel roof; cost, $9,000; owners, Marx & Rawolle, Irving and Van Brunt Sts.; architect, E. Claus, 59 South Tenth St.

Hicks St., s e cor. Huntington St., one-st'y brick brass foundry, gravel roof; cost, $4,370; owner, Fred C. Hamilton, 38 Bridge St.; architect, J. W. Bailey, 66 Court St.

Chicago, Ill. — Consumers' Pure Ice Co., one-st'y ice-house, Thirty-sixth St., near Butler Ave.; cost, $3,000.

Navigation may be said to be now fairly reopened as boats have arrived here from Buffalo; also there from this port. There seems to be no change of values in building materials. Iron is very low, lumber about the same. Labor seems the only disturbing element in the market, and the question seems to be if employed "union labor" can dictate to unemployed and "needy labor," union or non-union, to remain hungry until the employed can "fix things" to suit themselves first and the hungry next? Time will solve it. There is work for all on old-fashioned time and pay, perhaps not enough for new rules of hours and pay.

Peter Hand Brewing Co., four-st'y brewery, 35-47 Sheffield Ave.; cost, $60,000.

Minneapolis, Minn.—H. F. Lillibridge, foundation, rear 15-19 Third St., s; cost, $7,000.

New York, N. Y.— *Ricington St., No.* 269, seven-st'y brick workshop, tin roof; cost, $18,000; owner, Harry Fischel, 55 Norfolk St.; architect, Wm. Graul, 215 Bowery.

East One Hundred and Twenty-fifth St., Nos. 209-211, six-st'y brick, iron and stone storage and auction rooms; cost, $50,000; owner, J. Cook; architects, Cleverdon & Putzel.

Philadelphia, Pa. — *Ludlow St.*, s s, w Thirty-third St., one-st'y brick and iron shop; contractors, Levering & Garrigues.

Island Road, Belrose, one-st'y shop; contractor, B. F. Wendell.

Seventh St., w s, s Callowhill St., market-house; contractor, E. A. Roth.

Bruner St., No. 1844, one-st'y shop; owner, J. Humphrey.

Providence, R. I.— *Angell St.*, on Seekonk River, two-and-one-half-st'y frame club-house for Narragansett Boat Club; builder, John K. Harris; architect, Geo. F. Hall.

St. Louis, Mo. — Three-st'y brick dry room; cost, $2,500; owners and contractors, Prov. Chemical Co.

Worcester, Mass. — *Southgate St.*, two-st'y frame storehouse; owner, J. & F. E. Powers.

Southgate St., one-st'y frame storehouse; owners, E. Buxton & Son; architects, Barker & Nourse.

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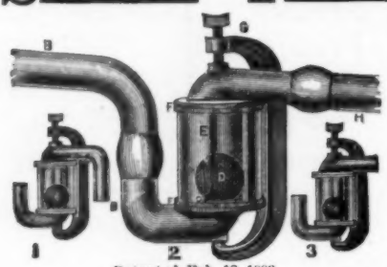

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May 1, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of May, 1891, for all the labor and materials required for the wharf, causeway, etc., at Fort Jefferson, Dry Tortugas, Fla., in accordance with the drawings and specification, copies of which may be had on application at this office. Each bid must be accompanied by a certified check for $300. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Wharf, Causeway, etc., at Fort Jefferson, Dry Tortugas, Fla.," and addressed to W. J. EDBROOKE, Supervising Architect. 803

PROPOSALS.

May 4, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 20th day of May, 1891, for all labor and material required for certain alterations, repairs to plumbing and vault-work for United States Court-house and Post-office building at Knoxville, Tenn., in accordance with the drawings and specification, copies of which may be had on application to this office or to the Custodian of the above-named building. Each bid must be accompanied with a certified check for one hundred dollars ($100), made payable to the order of the Treasurer of the United States. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposal must be enclosed in an envelope sealed and marked "Proposal for Alterations and Repairs to the United States Court-house and Post-office building at Knoxville, Tenn.," and addressed to W. J. EDBROOKE, Supervising Architect. 803

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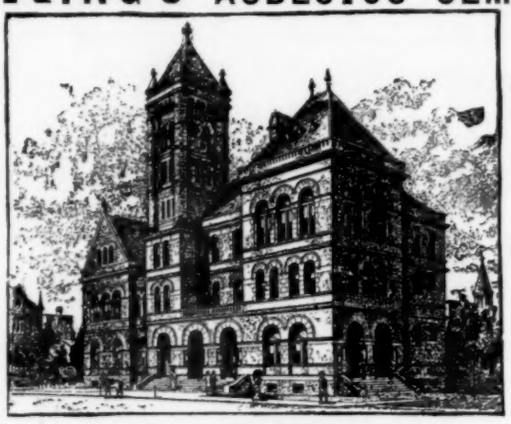

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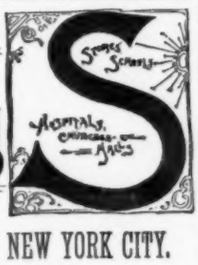

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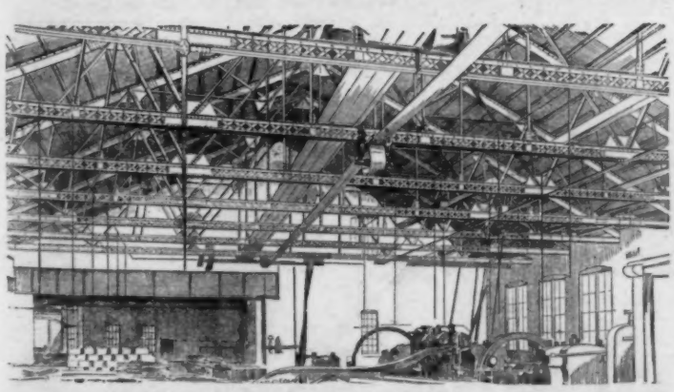

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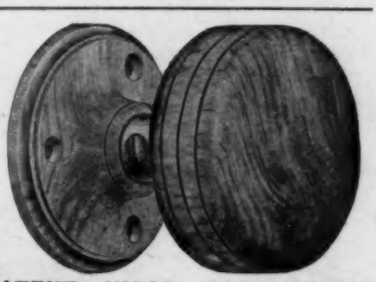

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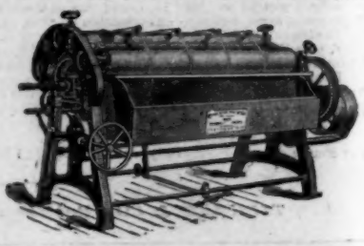

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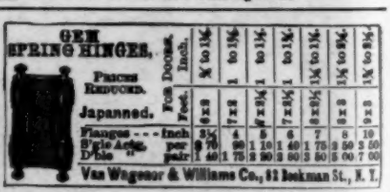

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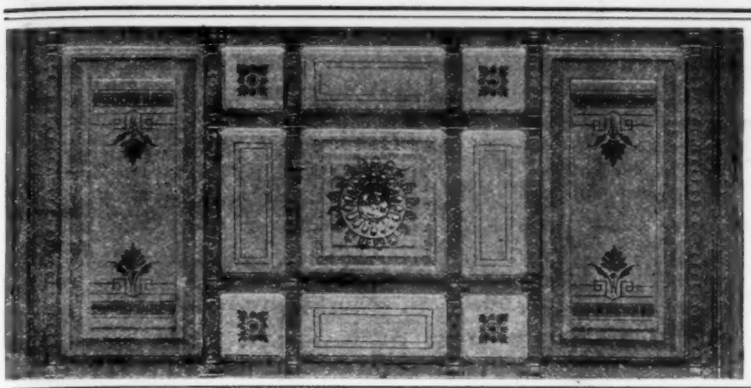

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Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 00 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ca 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	32 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	25 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	14 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 15 @ 2 30	2 25 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	{30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	{24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	{20" 35 @ 14
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P.10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*				
Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 270 00
" St. Domingo	@350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 46 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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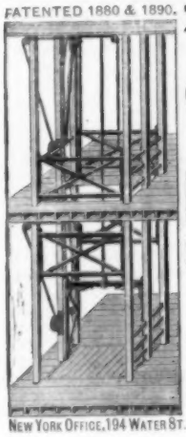

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Jersey	4 50 @ 5 50	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }	15 00 @ 27 00	Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	65 00 @ 350 00	@ 13 00
" Moulded			@ 55 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	45 00 @ 50 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @	Best Paving
Trenton	22 00 @ 23 00		25 00 @	@ 14 00
Milwaukee			60 00 @ 100 00	Second "
Moulded:			30 @	@ 13 00
Glens Falls Red Pressed	@ 37 00		35 @	Third "
" " Buff "	@ 30 00		55 00 @ 65 00	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: *Imp.*			@ 100 00	Dom. } @ 65
Enamelled (edge)	85 00 @ 100 00		@ 120 00	} @ 85
Enamelled (edge and end)	90 00 @ 115 00			
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Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 60 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
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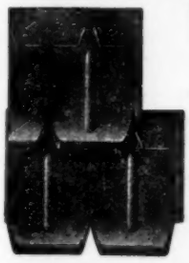

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Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: ℔ *sq. ft.*				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. *(In Oil* ℔ *lb.)*				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1¾ @ 2¼	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	53 @ 56	56 @ 57	57 @ 60	@ 60
" " boiled (℔ gal.)	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine (℔ gal.)	41 @ 42	42 @ 43	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to $1.15	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4″ x 4″ (℔ doz. pairs.)				
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7¼	@ 7	@ 6¾
Lead Pipe	@	@ 7	@ 6¼	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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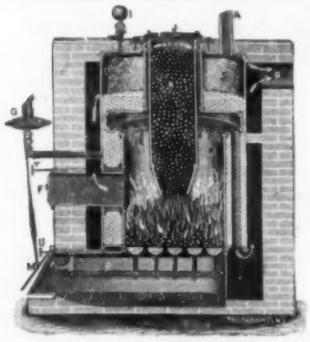

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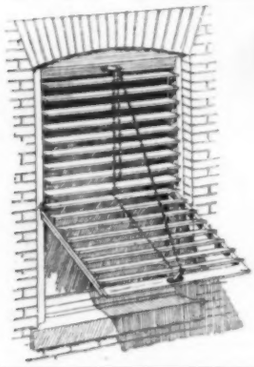

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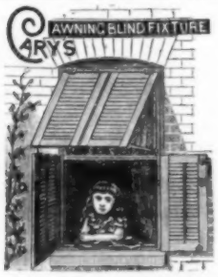

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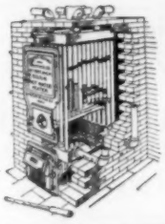

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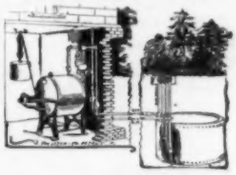

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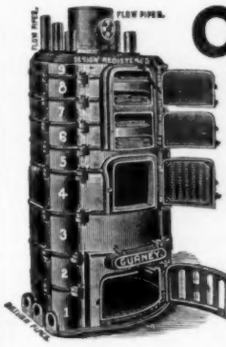

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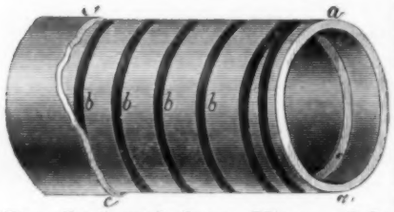

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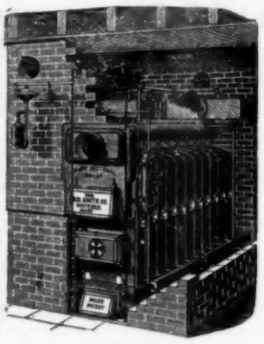

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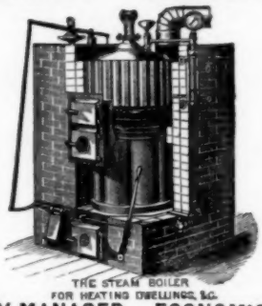

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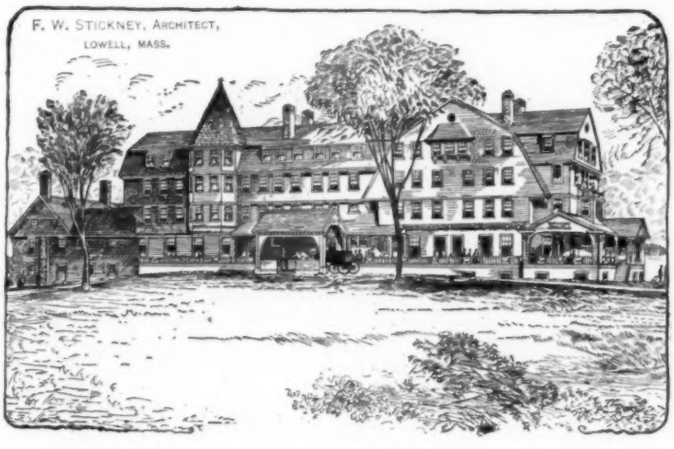

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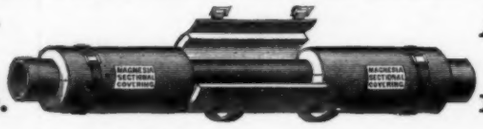

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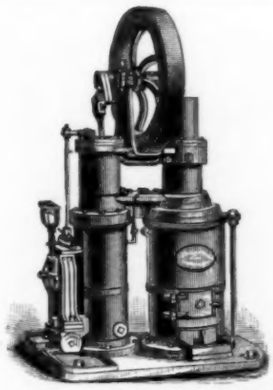

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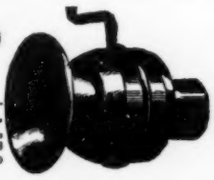

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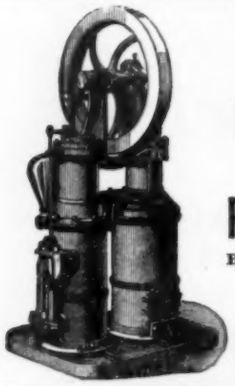

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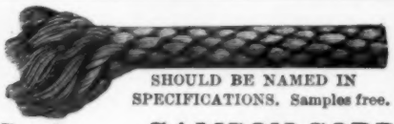

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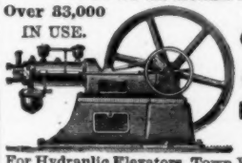

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450,905. Means for Operating Elevator-Doors. — William N. Anderson, San Rafael, Cal.
450,909. Rain-Water Cut-Off. — Marion N. Coe, New Orleans, La.
450,987. Composition of Matter for Artificial Stone. — Thomas W. Blakey, Keene, N. H.
451,003. Ventilating-Window. — Henry Harrison, Philadelphia, Pa.
451,089. Miter-Box. — Edward E. Wagoner, Hagerstown, Md.
451,127. Elevator. — Gust. Lagerquist, Minneapolis, Minn.
451,205. Lumber-Sorter. — John A. Bel, Lake Charles, La.
451,231. Controlling Device for Elevators. — Norman C. Bassett, Lynn, Mass.
451,245. Heater. — Hampden Hyde, Rochester, N. Y.
451,319. Sash-Holder. — George A. Cooper, Alameda, Cal.
451,324. Basin-Coupling. — James W. Hale, Newburyport, Mass.
451,327. Head for Polishing Stone. — John Klar, Westfield, Mass.
451,382. Pie-Ventilator. — Samuel Jenkins, Auburn, Me.
451,384. Apparatus for Utilizing the Sun's Rays for Heating Water. — Clarence M. Kemp, Baltimore, Md.
451,388. Sash-Fastener. — Wesley Coulter, Pittsburgh, Pa.
451,394. Valve for Water-Tanks. — Richard Tait, Chicago, Ill.
451,399. Safety Device for Elevators. — Joseph Collier, Pigeon Run, Ohio.
451,418. Metallic Furring and Lathing. — Robert W. Gibson, New York, N. Y.
451,474. Corner Flush-Bolt. — Peter Forg, Somerville, Mass.
451,503. Knob Attachment. — William L. Morton, South Yarra, near Melbourne, Victoria.
451,537. Stench-Trap. — John H. Wait, Portsmouth, Ohio.
451,548. Temperature-Alarm. — Louis Zagelmeyer, West Bay City, Mich.
451,550. Sheet-Metal Roofing. — Joseph C. Bayer, Portland, Oregon.
451,560. Plaster. — Thomas Jones, Chicago, Ill.
451,562. Weather-Strip. — John R. Long, Akron, Ohio.
451,572. Portable Roof. — Edmund Rankin, Jr., Lincoln, Ill.
451,596. Window-Sash. — Theodore F. Longenecker, Dayton, Ohio.
451,626. Stratified Brick. — Louis A. Steiger, San José, Cal.
451,631. Sliding Screen, Door, etc. — Clarence B. Bishop, Chicago, Ill.
451,638. Latch. — Frederick J. Lau, Newark, N. J.
451,641. Weather-Strip. — Porter H. Reed, Cairo, N. Y.
451,650. Metal Roof. — Charles R. Everson, Macedon, N. Y.
451,659. Bevel-Square. — Singleton D. Hatcher, Cleveland, Ohio.
451,705. Varnish. — Herman J. C. Bertling, Fredrich W. Wockenfuss and William Meyer, Baltimore, Md.
451,709. Lock. — Johann Fey, Itzehoe, Germany.
451,714. Brick-Machine. — Joseph P. Miller, Haddonfield, N. J.

See the first issue of the month for the following advertisements.

A. S. Aloe & Co.
Walton Architectural Iron Co.
Atlantic W. Lead & Lin. Oil Co.
A. G. Newman.
J. J. Read.
Esterbrook Pen Co.
J. B. Shannon & Sons.
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I. P. Frink.
Springfield Foundry Co.
H. M. Hansen.
C. B. Demarest & Co.
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Bureau Bros.
R. W. Parry.
Peninsular Metal Works.
Flanagan & Biedenweg.
J. & R. Lamb.
Pittsburgh Mineral Wool Co.
Sims & Millard.
R. C. Smith.
J. Bardsley.
Dubois Mfg. Co.
Philadelphia Blue Print Co.
M. B. Swezey.

BUILDING PATENTS.

451,733. Portable House. — Charles H. Leonard, Grand Rapids, Mich.
451,779. Cut-Off for Conductors. — Julius D. Shepard, Akron, Ohio.
451,783. Shingle. — Robert P. Taylor, Gold Hill, Nevada.
451,799. Process of Ornamenting Artificial Stone. — William Bleiss, Kansas City, Mo.
451,807. Shingling-Bracket. — William W. Clarkson, Farmer Village, N. Y.
451,813. Steam or Hot-Water Heater. — Cyprien Dubé, New York, N. Y.
451,818. Process of Making Slate-Brick. — William L. Gregg, Philadelphia, Pa.
451,826. Window-Frame. — Victor R. Koontz, Waynesborough, Pa.
451,830. Radiator. — Charles E. Marston, Dover, N. H.
451,874-877. Window-Frame. — Frank Mesker and Thomas O. Arbegust, St. Louis, Mo.
451,895. Faucet. — Henry J. Hescock and Prince A. Sawyer, Phillips, Me.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING MAY 15, 1891.

From Antwerp. — Steamer "*Sorrento*," 1,867 casks cement, order. Steamer "*Noordland*," 20,000 barrels cement, 160 do. clay, E. Thiele; 9,700 barrels cement, order.

From Cardenas. — Steamer "*Saratoga*," 25 pipes asphaltum, Balsells & Co.

From Carthagena. — Steamer "*Samara*," 1,602 logs cedar, Perry & Ryer.

From Glasgow. — Steamer "*State of Nevada*," 179 cases granite, Austin, Baldwin & Co.; 5 do., Voss & Stern; 36 do., W. C. Townsend; 4 do., J. & W. Longstick; 37 blocks stone, George W. White; 11 do., G. P. Sherwood. Steamer "*Anchoria*," 6 cases granite, Merchants' Dispatch Co.; 14 do. granite, Henderson Bros.; 7 blocks marble, order. Steamer "*Assyrian*," 63 cases granite, W. C. Townsend; 4 do., Davidson & Son Marble Co.; 79 do., Austin, Baldwin & Co.; 5 do., S. H. Lewis; 5 do., V. R. Huston & Co.

From Hamburg. — Steamer "*Scandia*," 1,120 casks cement, Gabriel & Schall. Steamer "*Sorrento*," 1,124 casks Portland cement, Nevada Bank of San Francisco. Steamer "*Gellert*," 1,120 casks cement, E. Thiele. Steamer "*Dania*," 560 casks cement, E. Thiele.

From Havana. — Steamer "*Panama*," 158 sacks asphalt, J. M. Ceballos & Co. Steamer "*Saratoga*," 67 bags asphaltum, Balsells & Co.

From Hull. — Steamer "*Colorado*," 10 casks cement, order; 239 bales cow-hair, New York Produce Exchange Bank.

From Le Bela, Trinidad. — Bark "*Arlington*," 1,120 tons asphalt, Carter, Hawley & Co.

From Liverpool. — Steamer "*Majestic*," 25 cases clay fire-bricks, James E. Ward & Co.

Architectural Books.

[Any book in this list will be forwarded, carriage paid, on receipt of the price by the advertiser.
N. B. Messrs. Ticknor & Co., handle only their own publications].

ARCHAEOLOGY.

LANCIANI, RODOLFO, $6.00
"*Ancient Rome in the Light of Recent Discoveries.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

BIOGRAPHY.

VAN RENSSELAER, MRS. SCHUYLER, $20.00
"*Henry Hobson Richardson.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

CARPENTRY.

TREDGOLD, THOS., $5.00
"*Elementary Principles of Carpentry.*"
Revised by Hurst.
New York (12 Cortlandt St.): E. & F. N. Spon.

CHURCHES.

WICKES, CHARLES, $15.00
"*Spires and Towers of the Mediæval Churches of England.*"
Boston (211 Tremont St.): Ticknor & Co.

CONSTRUCTION.

BERG, LOUIS D'C. Vol. I. $5.00
"*Safe Building.*"
Boston (211 Tremont St.): Ticknor & Co.
CLARK, T. M. $3.00
"*Building Superintendence.*" Cuts.
Boston (211 Tremont St.): Ticknor & Co.

DECORATION.

COLLING, J. K. $10.00
"*Art Foliage.*" Plates only.
Boston (211 Tremont St.): Ticknor & Co.
CROWNINSHIELD, FREDERIC $3.00
"*Mural Painting.*" Illustrated.
Boston (211 Tremont St.): Ticknor & Co.

DRAWING.

HALLATT, G. W. T., $0.60
"*Hints on Architectural Draughtsmanship.*"
New York (12 Cortlandt St.): E. & F. N. Spon.
WARE, WILLIAM R., PROFESSOR, $5.00
"*Modern Perspective.*"
Boston (211 Tremont St.): Ticknor & Co.

GENERAL TREATISES.

FULLERTON, WM., $6.00
"*Architectural Examples in Brick, Stone, Wood, and Iron.*"
New York (12 Cortlandt St.): E. & F. N. Spon.
YOUNG, WM., $10.00
"*The Municipal Buildings, Glasgow.*"
20 Collotype Illus.
New York (12 Cortlandt St.): E. & F. N. Spon.

HAND-BOOKS.

KIDDER, F. E., $3.50
"*Architects' and Builders' Pocket-Book.*"
New York (53 East 10th St.): J. Wiley & Sons.
TRAUTWINE, J. C., Jr. $5.00
"*Civil Engineer's Pocket-Book.*"
New York (53 East 10th St.): J. Wiley & Sons.

HARDWARE.

BLACKALL, CLARENCE H. $5.00
"*Builders' Hardware.*" Cuts.
Boston (211 Tremont St.): Ticknor & Co.

HEATING.

BALDWIN, WILLIAM S., $2.50
"*Steam Heating.*" Cuts.
New York (53 East 10th St.): J. Wiley & Sons.
PUTNAM, J. PICKERING $4.00
"*The Open Fireplace in All Ages.*" Illustrated.
Boston (211 Tremont St.): Ticknor & Co.

HISTORIES.

WINCKLEMAN, JOHN $9.00
"*The History of Ancient Art.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

HOUSES.

FULLER, A. W., and W. A. WHEELER $6.00
"*Artistic Homes.*" Plates only.
Boston (211 Tremont St.): Ticknor & Co. Folio.
PFEIFFER, CARL $10.00
"*American Mansions and Cottages.*" Plates only.
Boston (211 Tremont St.): Ticknor & Co.

IRON CONSTRUCTION.

BIRKMIRE, Wm. H., $3.50
"*Architectural Iron and Steel.*" Cuts.
New York (53 East 10th St.): J. Wiley & Sons.

LAW.

LLOYD, A. PARLETT $4.50
"*Building and Buildings, Building Contracts, Etc.*"
Boston (4 Park St.): Houghton, Mifflin & Co.

MASONRY.

BAKER, IRA O., $5.00
"*Masonry Construction.*"
New York (53 East 10th St.): J. Wiley & Sons.
NEWMAN, JOHN, $1.50
"*Notes on Concrete and Works in Concrete.*"
New York (12 Cortlandt St.): E. & F. N. Spon.

MONOGRAPHS.

"*Ames Memorial Buildings.*" $6.00
"*Harvard Memorial Hall.*" $5.00
"*State Capitol, Hartford.*" $6.00
"*Trinity Church, Boston.*" $10.00
Boston (211 Tremont St.): Ticknor & Co.

ROOFS.

DU BOIS, A. JAY, $10.00
"*Strains in Framed Structures.*"
New York (53 East 10th St.): J. Wiley & Sons.
GREENE, CHARLES E., $1.25
"*Graphical Analysis of Roof Trusses.*"
New York (53 East 10th St.): J. Wiley & Sons.

ROOFS.

MERRIMAN, MANSFIELD. (Each part), $2.50
"*I. Stresses*": "*II. Graphic Statics.*"
New York (53 East 10th St.): J. Wiley & Sons
WALMISLEY, A. T., $21.00
"*Examples of Iron Roofs.*"
New York (12 Cortlandt St.): E. & F. N. Spon.

SANITATION.

HOYT, WILLIAM E. $0.15
"*Household Sanitation.*" Pamphlet.
Boston (211 Tremont St.): Ticknor & Co.
RICHARDS, MRS. E. H., and M. TALBOT $0.50
"*Home Sanitation.*"
Boston (211 Tremont St.): Ticknor & Co.
WARING, GEORGE E., JR. $2.00
"*The Sanitary Drainage of Houses and Towns.*" Cuts.
Boston (4 Park St.): Houghton, Mifflin & Co.

SKETCH BOOK.

SCHWEINFURTH, J. A. $15.00
"*Sketches Abroad.*" Plates only.
Boston (211 Tremont St.): Ticknor & Co.

SPANISH ARCHITECTURE.

JUNGHAENDEL, MAX. 8 parts (5 ready).
"*Die Bankunst Spaniens.*" Per part of 25 pl. $10.
Chicago (206 Wabash Ave.): Brentano's.

STRENGTH OF MATERIALS.

BURR, WM. H. $5.00
"*Resistance of Materials.*"
New York (53 East 10th St.): J. Wiley & Sons.
LANZA, GAETANO, $7.50
"*Applied Mechanics.*" Cuts.
New York (53 East 10th St.): J. Wiley & Sons.
THURSTON, ROBERT H., $5.00
"*Materials of Construction.*"
New York (53 East 10th St.): J. Wiley & Sons.

STYLES.

GOTCH, J. A., and W. T. BROWN Part I. $8.00
"*Architecture of the Renaissance in England.*"
Boston (211 Tremont St.): Ticknor & Co.

Sliding Blinds and Screens.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y. — *Steuben St., No.* 97, three-st'y brick church-organ factory, gravel roof, raised one story, four-st'y brick extension, gravel roof, and other alterations; cost, $3,000; owners and architects, R. Weidener & Son, 97 Steuben St.

Clinton St., Nos. 38-40, 2 four-st'y brick flats, tin roofs, one-st'y brick extension, tin roof; cost, $4,000; owner, Edwin Packard, 186 Remsen St.; architect, J. G. Glover, 186 Remsen St.

North Fourth St., n w cor. Wythe Ave., two-st'y brick storage warehouse, gravel roof, internal and other alterations; cost, $3,500; owners, Brooklyn Cooperage Co., 47 North Fourth St.; architect, Chas. Langlotz, 888 Lafayette Ave.

Evergreen Ave., s e cor. Troutman St., one-st'y frame church, tin roof, one-st'y stone and brick extension, tin roof, and other alterations; cost, $3,000; owner, Mount Olivet Sunday School, on premises; architects, Copeland & Wischerth, 510 Hart St.

Fulton St., No. 584, three-st'y brick store and dwell., tin roof, raised one story, four-st'y brick extension, tin roof, internal and other alterations; cost, $12,000; owner, J. B. Hoecker, Jr., 292 State St.; architect, Chas. Werner, Garfield Building.

Minneapolis, Minn. — South Market Co., South Second and Washington Aves.; alterations in building; cost, $30,000.

Philadelphia, Pa. — *Cherry St., No.* 305, addition and boiler house; contractor, C. C. Roberts.

North Fifteenth St., No. 913, alterations; owner, O. P. Stroup.

Broad St., w s, n Columbia Ave., wall to market-house; contractor, W. H. H. Taylor.

Carlton St., No. 1815, addition; contractor, F. P. Street.

Callowhill St., s s, e Broad St., addition; contractor, A. B. Sandy.

North Fortieth St., No. 750, addition; contractor, E. J. Steinmetz.

South Fourth St., No. 267, alterations; contractor, J. Swede.

South Fourth St., No. 1214, addition; contractor, W. W. Lawson.

Green St., No. 2113, addition; contractor, W. C. Merritt.

Kensington Ave., n e cor. Harrowgate Lane, addition; contractor, Andrew Anderson.

South Seventh St., No. 1430, addition; contractor, Charles Walters.

Warnock St., No. 937, addition; owner, John Keebe.

North Eighth St., No. 1532, alterations; owner, A. M. Conneen.

Ella St., No. 2026, addition; contractor, M. Morrison.

Iron-Work.

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BUILDING INTELLIGENCE.

Mulberry St., No. 4022, alterations; owner, J. B. Core.
Nineteenth St., n w cor. Naudain St., alterations; contractor, E. A. Trumbauer.
Twenty-fifth St., n w cor. Ingersoll St., alterations; owner, C. Laddey.
Third St., s e cor. Marriott St., alterations; contractor, A. M. Myers.
Thirty-fourth St., cor. Baring St., addition; contractor, W. J. Gruhler.
Columbia Ave., No. 2109, addition; contractor, S. Geissinger.
North Fifteenth St., No. 1710, addition; contractors, W. McDevitt & Son.
North Forty-first St., Nos. 412-414, two additions; contractor, Wm. Bunch.
Kessler and Norris Sts., addition; owner, Henry G. Schultz.
South Ninth St., No. 2103, addition; contractors, Ross & Welch.
East Venango St., No. 1218, addition.
Wood St., No. 2035, addition; contractor, A. B. Levis.
Westminster Ave., No. 5722, addition; owner, Clarissa Gladey.
Kensington Ave., s e cor. Somerset St., addition; contractor, D. C. Schuler.
Nineteenth St., s e cor. Cuthbert St., alterations; owner, A. J. Bain.
North Twenty-third St., No. 733, front; contractors, James Beatty & Son.
Worth St., No. 4626, two-st'y frame addition; owner, Lewis Oldfield.
Brown St., No. 3945, alterations; contractors, McCloskey & Hozzard.
Fairmount Ave., No. 1528, front alterations; contractors, J. E. & A. L. Pennock.
Hancock St., No. 2330, addition; owner, Henry Gill.

BUILDING INTELLIGENCE.

Kessler St., s Diamond St., addition; owner, Benj. P. Walker.
Spring Garden St., No. 1331, front; contractors, J. England & Bro.
Seventh St., s w cor. Orange St., addition; contractor, John McFadden.
Second St., e s, s Somerset St., two-st'y annex; owner, James Barker.
North Thirty-eighth St., No. 410, addition; owner, Patrick McKenna.
Warren St., No. 3509, addition; owner, S. M. McCousey.
Arch St., No. 725, addition; contractor, Joseph Bird.
Dickinson St., No. 1808, addition; owner, John Baily.
Frankford Ave., No. 961, addition; owner, Thomas Grinnan.
Fifth St., n w cor. Redwood St., addition; contractor, Henry C. Dahl.
Rodman St., No. 1309, addition; contractors, Gulbert & Keefer.
Seybert St., No. 1610, addition; owner, John Reedy.
North Eighth St., No. 1521, addition; contractor, John J. Saunders.
North Seventh St., No. 1913, addition; contractor, John J. Saunders.
Market St., Nos. 3320-22, alterations; contractors, Ward & Bradley.
Third St., n w cor. Beaver St., addition; owner, O. Weber.
South Third St., No. 741, front; owner, Morris Gordon.
Diamond St., No. 2906, alteration; contractor, James H. Young.
Mill and Cumberland Sts., alterations; contractor, E. H. Hannum.
Twenty-second St., s e cor. Master St., alteration; contractor, M. J. Welsh.
North Twenty-seventh St., No. 2532, addition.
Brown St., No. 2021, addition; contractor, G. W. Hawes.
Germantown Ave., No. 4309, alterations; contractors, Richards & Shourds.
Fairmount Ave., No. 917, alteration; contractor, C. P. Talley.
Germantown Ave., No. 4940, addition; owner, M. D. Wartman.
Locust St., No. 3820, addition; contractors, Pilkington & Kendrick.
Leamy and Tusculum Sts., addition; contractor, H. G. Schultz.
Sixth St., s w cor. Dauphin St., alteration; owner, Henry Koch.
South St., No. 2026, alteration; owner, S. G. Glenn.
Brown St., No. 2526, addition; owner, D. S. Swarbreg.

Rochester, N. Y.—Addition brick block; owner, A. Coombs; architect, W. C. Walker.

APARTMENT-HOUSES.

Chicago, Ill.—Robert Griffith, three-st'y flats, 567 Seminary Ave.; cost, $7,000.
Charles Johnson, three-st'y flats, 3189 Parnell Ave.; cost, $3,500.
D. Mullany, four-st'y flats, 67 West Nineteenth St.; cost, $6,000.
Thomas Palenswskie, three-st'y flats, 880 Thirty-second St.; cost, $6,000.
August Beck, 2 three-st'y flats, 1514-16 Dunning St.; cost, $10,000.
J. Harth, two-st'y flats, 406 Seminary Ave.; cost, $3,000.
J. O. Dowling, three-st'y flats, 264 Center Ave.; cost, $6,000.
Edward Krop, two-st'y flats, 31-38 Laurel St.; cost, $3,000.
Thomas P. Sullivan, 2 three-st'y flats, 196-198 Belden Ave.; cost, $9,000.
D. D. Fonte, two-st'y flat, 1439 West Monroe St.; cost, $4,000.
C. Nelson, three-st'y flats, 690 Dania St.; cost, $5,000.
G. Buppe, 5 three-st'y flats, 4725-33 Evans St.; cost, $35,000.
John Zeroiski, three-st'y flats, 832 Girard St.; cost, $4,400.
John Mountain, 2 three-st'y flats, 583-585 Dearborn Ave.; cost, $25,000.
Mrs. Green, two-st'y flats, 4239 Prairie Ave.; cost, $6,000.
John Cunningham, three-st'y flats, 286 Dayton St.; cost, $3,000.
H. J. Evans, 5 two-st'y flats, 766-770 Warren Ave.; cost, $35,000.
Julia L. Prettyman, 2 two-st'y flats, 10-12 West Court St.; cost, $8,000.
P. Schoenhoffen, 2 two-st'y flats and barn, 6701 Halsted St.; cost, $8,000.
L. Lembke, three-st'y flats, 314 Robey St.; cost, $3,000.
J. F. Griffen, two-st'y flats, 502 Park Ave.; cost, $3,500.
Mrs. M. Purcell, two-st'y flats, 140 Twenty-third Pl.; cost, $3,400.
L. P. Friestedt, two-st'y flats, 1020 Park Ave.; cost, $4,500.
Frank E. Locke, two-st'y flats, 1016 Warren Ave.; cost, $5,000.
F. C. Going, 4 three-st'y flats, 17-23 Bowen Ave.; cost, $17,000.

New York, N. Y.—*One Hundred and Thirty-sixth St.*, s s, 96′ w Willis Ave., *Willis Ave.*, w s, from One Hundred and Thirty-fifth to One Hundred and Thirty-sixth Sts., *and One Hundred and Thirty-seventh St.*, 20 five-st'y brick and stone flats; total cost, $369,000; owners, Cotter Bros.; architect, J. C. Burne.
One Hundred and Sixth St., s s, 100′ w Madison Ave., 4 five-st'y brick flats, tin roofs, cost, $100,000; owners, Fitzpatrick Bros., 71 West Forty-sixth St.; architect, John C. Burne, 1531 Third Ave.
Tenth Ave., n w cor. Thirty-first St., five-st'y brick flat, tin roof; cost, $23,000; owner, Conrad W. Reckhart, 500 West Thirty-fifth St.; architects, Thom & Wilson, 1267 Broadway.
Brook Ave., w s, 25′ n One Hundred and Forty-eighth St., 3 five-st'y brick flats, tin roofs; cost, $45,000; owner, John Frees, 612 East One Hundred and Fifty-sixth St.; architect, Adam Munch, 307 East One Hundred and Fifteenth St.
West Twenty-first St., No. 249, five-st'y brick flat, tin roof; cost, $20,000; owners, Cunningham & Ferguson, 436 West Forty-seventh St. and 719 Eighth Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Eighty-fourth St., n s, 325′ e Tenth Ave., 5 five-st'y brick flats, tin or plastic slate roofs; cost, $90,000; owner, John Livingston, 130 East Seventy-first St.; architect, T. F. Camp, 177 Broadway.
Carmine St., No. 11, five-st'y brick flat, tin roof; cost, $20,000; owner, Emilia Hoffmann, 122 East Fifty-seventh St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.
East Sixty-fifth St., No. 307, five-st'y brick flat, tin roof; cost, $22,000; owner, Peter Hahsinger, 311 East Sixty-fifth St.; architect, John Hauser, 1441 Third Ave.
One Hundred and Forty-sixth St., s s, 200′ e Third Ave., 2 five-st'y brick and brownstone flats; cost, $32,000; owner, Jacob Cohen; architect, George Keister.
Fifth Ave., s e cor. One Hundred and Thirty-fifth St., 2 five-st'y brown stone flats; cost, $50,000; owner, A. C. Monson; architect, J. A. Lienan.
West Thirty-fourth St., Nos. 410-412, five-st'y flat; owner, John Downey; architect, H. J. Hardenbergh.
Amsterdam Ave., n e cor. Eighty-fourth St., 5 five-st'y brick stone flats; cost, $100,000; owner, Frank Hack; architect, G. A. Schellenger.
Lenox Ave., n w cor. One Hundred and Thirty-sixth St., five-st'y brick flat, tin roof; cost, $31,000; owner, Jacob Schwarz, 171 East One Hundred and Thirteenth St.; architect, M. Louis Ungrich, 236 East One Hundred and Eighteenth St.
Ninety-sixth St., n s, 150′ e Amsterdam Ave., 2 five-st'y brick flats, tin roofs; cost, $100,000; owner, Alexander Cameron, 76 Eighth Ave.; architect, Henry Davidson, 222 Ninth Ave.
One Hundred and Twenty-seventh St., n s, 197′ e Park Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, John Frame, 216 East Seventieth St.; architects, Thom & Wilson, 1267 Broadway.
One Hundred and Twenty-seventh St., n s, 145′ e Park Ave., 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, John Frame, 216 East Seventieth St.; architects, Thom & Wilson, 1267 Broadway.

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Madison St., No. 127, five-st'y brick flat, tin roof; cost, $18,000; owner, Jos. Emerich, Jr., Fordham Heights; architect, Alex I. Finkle, s w cor. Broadway and Spring St.

One Hundred and Twenty-sixth St., n s, 237' 6" e Third Ave., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, Lorenz F. J. Weihr, Jr., 14 East Seventy-sixth St.

Ninetieth St., s s, 200' w Ninth Ave., 8 five-st'y brick flats, tin roofs; cost, $164,000; owner, Robert Dick, 406 West Forty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Lexington Ave., n e cor. Sixty-fourth St., five-st'y brick, stone and terra-cotta flat; cost, $30,000; owners, Jones & Williams; architect, Charles Rentz.

Monroe St., s s, near Goverurneur St., four brick, stone and terra-cotta flats; cost, $96,000; architects, Schneider & Herter.

Sixty-fourth St., s s, 250' e Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, Wm. Rankin, One Hundred and Sixty-third St.: architects, Hudson, Holly & Joliff, 111 Broadway.

CHURCHES.

Brooklyn, N. Y.—*Herbert St.*, s s, fronting on North Henry St. and extending through to Monitor St., one-st'y brick church and chapel, Akron tile roof; cost, $100,000; owner, Rector E. J. McGobrick, 80 Herbert St.; architect, T. H. Poole, 246 Fifth Ave., New York City.

Providence, R. I.—*Beacon Ave.*, n e cor. Maple St., brick church; owner, St. Ansgarius Church; architects, Stone, Carpenter & Willson; contract not let.

FACTORIES.

New York, N. Y.—*Grand St., Nos.* 182-184, six-st'y brick, stone and iron factory; cost, $40,000; owner, L. Hirsch; architect, Richard Berger.

Third Ave., w s, 26' n Seventy-eighth St., five-st'y brick factory, tin roof; cost, $15,000; owner, Samuel Howe, 987 Lexington Ave.; architect, A. B. Ogden, 1031 Madison Ave.

Ninety-ninth St., s s, 215' w First Ave., one-st'y brick factory, tin roof; cost, $7,000; owners, Consolidated Gas Company, 4 Irving Pl.; architect, Wm. H. Bradley, 4 Irving Pl.

New Chambers St., No. 68, six-st'y brick, stone and iron factory; cost, $20,000; owner, S. Goetz; architect, Richard Berger.

Philadelphia, Pa.—*Broad St.*, e s, n Cumberland St., three-st'y carriage factory; owner, Jacob Maroch.

Filbert St., n s, w Sixth St., six-st'y factory; contractors, Geo. F. Payne & Co.

St. Louis, Mo.—Two-st'y brick factory and boiler-room; cost, $4,000; owners, Webber Moulding Co.; contractors, Bueber & Son.

HOUSES.

Baltimore, Md.—E. W. Gorman, 15 two-st'y brick buildings, w s Canton St.; and 18 two-st'y brick buildings, e s Hare St., bet. Lancaster and Hudson Sts.

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Francis Denmead, 6 three-st'y brick buildings, beg. n e cor. Boundary Ave. and St. Paul St.

Boston, Mass.—*Princeton St.*, near Putnam St., Ward 1, 3 three-st'y frame dwells., flat roofs, 21.6' x 54'; owners and builders, Emery & Small.

Charles St., Nos. 130-140, Ward 9, 2 four-st'y brick dwells. and stores, flat roofs, 26.2' x 50'; owner and builder, Seth R. Baker.

Beacon St., No. 470, Ward 11, four-st'y brick dwell., flat roof, 25' x 70'; owner, N. W. Pierce; builder, James Smith.

Lamson St., near Everett St., Ward 2, 2 three-st'y frame dwells., flat roofs, 21.6' x 40'; owner, Sarah McPhail; builder, J. H. Stevenson.

Woodward Park St., Nos. 15-17, Ward 20, 2 three-st'y frame dwells., flat roofs, 23' x 52'; owner, G. A. Clifford.

Adams St., near Park St., Ward 24, three-st'y frame dwell., flat roof, 24' x 40'; owner, J. McMorrow; builder, John Bass.

Saratoga St., No. 229, Ward 1, frame dwell., 20.6' x 45'; owner, Mrs. E. Gerald; builder, Wilbur Goodwin.

Adams St., near Park St., Ward 24, three-sty frame dwell., flat roof, 24' x 40'; owner, J. McMorrow; builder, John Bass.

Saunders St., near Beacon St., Ward 25, three-st'y frame dwell., 22.8' x 29'; owner and builder, D. Baldwin.

Elmont St., near Harvard St., Ward 24, frame dwell., 25' x 30'; owner, Mrs. P. Hill; builders, Hand & Poland.

Monroe St., No. 101, Ward 21, frame dwell., 28.8' x 51'; owner, Eliza A. Baxter; builder, W. A. Lent.

Bennington St., Nos. 102-104, Ward 1, 2 three-st'y frame dwells., flat roofs, 21.6' x 45'; owners, Edward and John Cummings; builder, David Porter.

Henshaw St., near Centre St., Ward 23, two-st'y frame dwell., hip roof, 28' x 38'; owner, C. Whittemore; builder, M. A. Blanchard.

Unnamed st. from Pratt St., near Ashford St., Ward 25, two frame dwells., 26.6' x 37'; owner, Ada F. Hammond; builder, A. E. Ellis.

Sparhawk St., near Murdock St., Ward 25, two frame dwells., 22.6' x 53.6'; owner, Antoinette Hatch; builder, C. H. Mead.

Unnamed st. from Ashford St., near Pratt St., Ward 25, frame dwell., 16' x 39'; owner, Mrs. Ada Hammond; builders, Truman & Mather.

Washington St., Nos. 3273-3275, Ward 23, 2 three-st'y frame dwells., hip roofs, 26' x 49.2'; owners, E. A. & S. Jackson; builders, Tighe & Frazier.

Union Ave., near Green St., Ward 23, two frame dwells.; one three stories, mansard roof, 41' x 42'; the other three stories, pitch roof, 23' x 45'; owners, E. G. Rowen and Maria Rowen; builder of both, Joseph P. Shaw.

Pleasant Pl., rear Savin Hill Ave., Ward 24, frame dwell., 29' x 29.3'; owner, Susan E. McKechnie; builder, B. F. McKechnie.

Falcon St., Ward 11, frame dwell., 22' x 44'; owner, Annie M. Davis; builder, C. H. Bates.

National St., No. 18, Ward 14, two-st'y frame dwell., flat roof, 17.2' x 22'; owner, C. T. Gallagher; builder, Horace Manson.

Centre St., near Westerly Terrace, Ward 22, frame dwell., 26' x 34'; owner, Frank L. Harris; builder, L. D. McLellan.

Princeton St., Nos. 249-251, Ward 1, 2 two-st'y frame dwells., mansard roofs, 21' x 42'; owner and builder, G. B. Hargrave.

Ashfield St., near Walter St., Ward 23, frame dwell., 24' x 36'; owner and builder, H. D. Van Noden.

Hano St., near Braintree St., Ward 25, 10 two-st'y frame dwells., flat roofs, 18' x 40'; owner, Samuel Hano; builder, George Wentworth.

Bernard St., near Talbot Ave., Ward 24, two frame dwells., 24' x 36'; owner, A. A. Wescott; builder, Shephard Russell.

Mercer St., No. 48, Ward 15, three-st'y frame dwell., flat roof, 18' x 62'; owner, Peter Daily; builder, T. F. Sutherland.

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dwells., 21.6′ x 46.9′; owner, Mrs. Kate Rourke; builder, J. Maguinness.

Alveston St., No. 24, Ward 23, frame dwell., 38′ x 44′; owner, C. M. Boyd; builder, H. P. Oakman.

Auburn St., near Roslindale Ave., Ward 23, frame dwell., 22′ x 25′; owner and builder, A. Lefebvre.

Beacon St., No. 462, Ward 11, five-st'y brick dwell., flat roof, 24′ x 65′; owner, W. S. Appleton; builder, H. H. Hunt.

Brookline, Mass.— Frame dwell., 56′ x 56′; owner, George E. Monroe; contract to be let; architects, Lewis & Paine, Boston.

Brooklyn, N. Y.— *Ross St.*, n s, 275′ e Lee Ave., 2 four-st'y brick dwells., tin roofs; cost, $10,000 each; owner, F. R. Hein, 244 Havemeyer St.; architect, H. W. Billard, 99 Broadway.

Jefferson Ave., n s, 41′ e Lewis Ave., 9 three-st'y brick dwells., tin roofs; cost, $6,000 each; owner, T. W. Swimm, 358 Putnam Ave.; architects, Langston & Dahlander, 1239 Bedford Ave.

Decatur St., n s, 25′ w Saratoga Ave., 13 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner, P. Gardner, 1263 Atlantic Ave.; architects, Langston & Dahlander, 1239 Bedford Ave.

Garfield Pl., s s, 250′ 4½″ e Seventh Ave., 5 three-st'y brick dwells., tin roofs; cost, $11,000 each; owners, Martin & Lee, 440 Claremont Ave.

Garfield Pl., n s, 253′ e Sixth Ave., three-st'y brick dwell., tin roof; cost, $5,000; owner, M. E. Conlon, 346 Fifteenth St.; architect, F. J. Conlon, 346 Fifteenth St.

Monitor St., s w cor. Herbert St., three-st'y brick church-rectory, Akron tile roof; cost, $20,000; owner, Rector E. J. McGobrick, 80 Herbert St.; architect, T. H. Poole, 246 Fifth Ave., New York City.

Chicago, Ill.— E. Dickman, 3 two-st'y dwells., Eighty-fifth and Peoria Sts.; cost, $4,500.

Oscar Cobb, seven cottages, Seventy-seventh St. and Jefferson Ave.; cost, $3,500.

A. Lobes, dwell., 1718 Gary Pl.; cost, $3,000.

Mrs. Mary P. Black, 3 two-st'y dwells., 1773-77 West Twenty-second St.; cost, $6,000.

Barry Bros., 2 three-st'y dwells., 4337-39 Grand Boulevard; cost, $25,000.

Potter Palmer, 5 three-st'y dwells., 59-61 Cedar St.; cost, $25,000.

C. F. Johnson, 5 two-st'y dwells., 38-46 Sydney St.; cost, $18,000.

J. N. Cunning, two-st'y dwell., 120 DeKalb St.; cost, $5,000.

L. G. Hallberg, three-st'y dwell., 577 Dearborn Ave.; cost, $10,000.

John P. Sanberg, two-st'y dwell. and barn, 40 Bingham St.; cost, $2,600.

E. Rennow, 2 two-st'y dwells., Fifty-eighth St. and Madison Ave.; cost, $4,500.

Alex. McLachlan, two-st'y dwell., Stanwood St. and Michigan Ave.; cost, $6,000.

D. C. Wood, two-st'y dwell., Sherman St., near Seventy-eighth St.; cost, $3,000.

Minneapolis, Minn.— D. P. Jones, 2021 Third Ave., wood dwell.; cost, $7,500.

New York, N. Y.— *Seventy-seventh St.*, s s, 400′ e Lenox Ave., 6 four-st'y stone dwells.; cost, $120,000; owner, Mrs. Julia Kennedy; architect, G. A. Schellenger.

Seventy-fifth St., s s, near Riverside Ave., 5 four-st'y dwells.; to be built for various owners; architects, Robertson & Manning.

BUILDING INTELLIGENCE.

Providence, R. I. — *Eddy St.*, s w cor. Langley St., three-and-one-half-st'y frame dwell.; cost, $5,500; owner, Patrick Moroney; builder, A. Mungwen.

Chalkstone Ave., No. 65, two-and-one-half-st'y frame dwell.; owner, D. F. Morrill; builder, Joseph McKenna.

Rochester, N. Y.—Frame dwell.; cost, $4,000; owner, E. McKnight; architect, E. C. Walker.

Frame dwell.; cost, $6,000; owner, E. I. Chapman; architect, W. C. Walker.

Somerville, Mass.—*Jacques St.*, frame dwell., 34′ x 47′; owner, Geo. E. Curtis; builder, Mr. Farrington; architect, Samuel J. Brown, Boston.

St. Louis, Mo.— Two-st'y brick dwell.; cost, $3,500; owner, C. Vandeventer; contractor, J. Wagner.

Two-st'y brick dwell.; cost, $4,400; owner, Mrs. J. Burke; contractor, M. B. Scanlon.

Two-st'y brick double dwell.; cost, $4,000; owner, Mr. Forseter; contractors, E. Murphy & Co.

Two-st'y brick dwell.; cost, $5,000; owner, S. Bowman; contractor, W. F. Beinke.

Two-st'y brick dwell.; cost, $5,000; owner, Emily Dunning; contractor, Mr. Kohlmeyer.

Three-st'y brick dwell.; cost, $8,000; owner, Mrs. Bleyer; contractors, J. Keefe & Son.

Two-st'y brick dwell.; cost, $2,500; owner, S. Grooves; contractors, Whitlock & Son.

Two-st'y brick dwell.; cost, $5,600; owner, T. Dunn; contractor, J. Enger.

Two-st'y brick dwell.; cost, $7,000; owner, W. Grohl; contractors, Bisser Bros.

Three-st'y brick dwell.; cost, $4,000; owner, Dr. T. O'Reilly; contractor, J. D. Fitzgibbon.

Three-st'y brick dwell. and store; cost, $7,500; owner, Mr. Guffreman; contractors, Bisser Bros.

Three-st'y brick dwell.; cost, $4,500; owner, Mrs. L. Reinhardt; contractor, Mr. Kolmetter.

Two-st'y brick dwell.; cost, $25,000; owners, Archiepiscopal Committee; contractor, B. Brady.

Three-st'y brick dwell.; cost, $6,000; owner, J. Maxwell; contractor, L. J. Evans.

Two-st'y brick dwell.; cost, $2,800; owner, L. J. Silva; contractor, J. A. Smith.

Three-st'y brick dwell.; cost, $6,000; owner, G. Peisch; contractor, J. Wilkinson.

Two-st'y brick dwell.; cost, $4,000; owner, G. W. Davis; sub-let.

Five adjacent two-st'y brick dwells.; cost, $9,000; owners, Haevel Real Estate and Building Co.; contractor, A. Dicke.

Two-st'y brick dwell.; cost, $4,500; owner, G. S. Case; contractor, O. Sanguinet.

Two-st'y brick dwell. and store; cost, $2,700; owner, T. Burghoff; contractor, H. Hoffinsyer.

Two-st'y brick dwell.; cost, $10,400; owner, J. Woerner; contractors, W. Riewe & Son.

Two-st'y brick dwell.; cost, $11,000; owner, A. De Wolf; contractor, C. Johnson.

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SCHOOL-HOUSES.

Arcadia, Fla.—The building of a school by the Baptists, to cost about $50,000, is contemplated.

Belmont, Mass.— *School St.*, brick and stone grammar school-house; four rooms; contract to be let; architect, W. W. Lummus, Boston.

Brooklyn, N. Y.— *Fourth St.*, n s, 250′ e Smith St., two-st'y brick school, slate roof; cost, $16,000; owner, Henry W. Maxwell, 194 Broadway, New York; architects, Fowler & Hough, 280 Broadway, New York.

Louisville, Ky.— A $30,000 dormitory will be built at the State University.

The Louisville Medical College contemplates the erection of a building, to cost about $50,000.

Rochester, N. Y.—Brick and stone parochial school and hall; owner, Church "Our Lady of Victory"; architect, W. Foster Kelly.

STABLES.

Boston, Mass. — *Cambridge St.*, Ward 25, three-st'y frame stable and shop, hip roof, 41′ x 120′; owner, Brookline Gas Co.

Mt. Walley Ave., rear, near Pond St., Ward 23, three-st'y frame stable, pitch roof, 45′ x 52.3′; owner, R. Hoffenreffer; builder, J. N. Chute.

Brooklyn, N. Y.—*Middagh St.*, s s, 100′ w Henry St., two-st'y brick stable, gravel roof; cost, $3,000; owner, Ernest Von Au, Henry and Middagh St.

Reid Ave., w s, 50′ n Macon St., three-st'y brick stable, gravel roof; cost, $18,500; owner, Wm. M. Wilson, 551 Hancock St.; architect, L. R. Holske, 768 Herkimer St.

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Philadelphia, Pa.—*Adams St.*, e s, Frankford Ave., two-st'y stable; owner, E. S. Radley.

Mt. Moriah Lane, n Chester Ave., one-st'y stable; contractors, McKee Bros.

North Twenty-ninth St., No. 3126, two-st'y stable, owner, Jos. Heitz.

Carpenter St., No. 900, one-st'y stable; owner, G. Fratendauer.

Marshall St., s Lehigh Ave., two-st'y stable; contractor, H. G. Shultz.

Cayuga St. and Germantown Ave., two-st'y stable; contractors, David Dear & Son.

STORES.

Boston, Mass.—*Congress and Aldine Sts.*, Ward 12, six-st'y brick store, 31.6' x 183.6'; owner, Mrs. G. D. Estes; builders, Gooch & Pray.

Brooklyn, N. Y.—*Thatford Ave.*, n s, 25' w Blake Ave., 4 two-st'y frame stores and dwells., tin roofs; cost, $2,200 each; owners, Levin & Getteson, Thatford Ave.

McDonough St., n w cor. Hopkinson Ave., four-st'y brick store and dwell., tin roof; cost, $11,500; owner, Wm. McCleunahan, 1911 Bergen St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Myrtle Ave., s e cor. Bleecker St., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, H. F. Hopkins, 183 Moffat St.; architect, Ernest Dennis, 115 Himrod St.

Broadway, w s, 25' s Kosciusko St., three-st'y brick store and flat, tin roof; cost, $7,000; owner, John Haesloop, Reid and Lexington Aves.; architects, J. D. Reynolds & Son, 363 Fulton St.

Broadway, s w cor. Kosciusko St., three-st'y brick store and flat, tin roof; cost, $6,500; owner, John Haesloop, Reid and Lexington Aves.; architects, J. D. Reynolds & Son, 363 Fulton St.

Tompkins Ave., Nos. 344-346, 2 three-st'y brick stores and dwells., tin roofs; cost, $25,000; owner, J. D. Eden, Tompkins Ave., cor. Quincy St.; architect, Charles Werner, Garfield Building.

Reid Ave., e s, 80' n Hancock St., 3 four-st'y brick stores and flats, tin roofs; cost, $7,500 each; owner, J. S. Willridge, 181 Vermont St.; architect, M. F. Walsh, 371 Fulton St.

South Eighth St., s w cor. Broadway, five-st'y brick store, tin roof; cost, $34,000; owner, Louis Zechiel, 212 South Eighth St.; architect, Th. Engelhardt, 905 Broadway.

Fulton Ave., s s, 200' w Stone Ave., 5 four-st'y brick stores and dwells., tin roofs; cost, $40,000; owner, Miss Jennie L. Ross, 448 Fifth St.; architect, John L. Young, 287 Halsey St.

Knickerbocker Ave., e s, 90' s Myrtle Ave., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, A. Steppler, 103 Ralph St.; architect, Frank Holmberg, 1161 Broadway.

Knickerbocker Ave., e s, 110' s Myrtle Ave., three-st'y frame store and dwell., tin roof; cost, $6,000; owner, A. Steppler, 103 Ralph St.; architect, Frank Holmberg, 1161 Broadway.

Madison St., s w cor. Hamburgh Ave., three-st'y frame store and dwell., tin roof; cost, $5,500; owner, E. F. Wildmer, 1198 Madison St.; architect, Th. Engelhardt, 905 Broadway.

Ralph Ave., n e cor. Decatur St., four-st'y brick store and dwell., tin roof; cost, $11,000; owner, Charles S. Reynolds, 243 Reid Ave.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Third Ave., e s, 25' n Carroll St., three-st'y brick store and dwell., tin roof; cost, $7,000; owner, M. Maher, Third Ave. and Carroll St.; architect, J. Piggott, 225 Fourteenth St.

Chicago, Ill. — Charles Gibson, two-st'y stores and flats, 3603 Emerald Ave.; cost, $3,200.

Mrs. L. J. Shafer, 2 two-st'y stores and flats, Sixty-first and Stewart Ave.; cost, $6,000.

J. F. Cassidy, two-st'y store and flats, 835 Forty-seventh St.; cost, $4,500.

Gehlig & Plantz, 2 four-st'y stores and flats, 212-216 West Madison St.; cost, $15,000.

Frank Kreme, four-st'y store and flats, 1126 West Twelfth St.; cost, $14,000.

A. Kolt, 3 three-st'y stores and flats, 1373-1377 West Madison St.; cost, $20,000.

Henry Schriever, two-st'y store and flats, 405 North California Ave.; cost, $3,000.

W. A. Pridmore, 5 three-st'y stores and flats, 290-294 Forty-third St., and 309-311 Evans Ave.; cost, $40,000.

Foss Estate, 2 four-st'y stores and flats, 6-9 Loomis St.; cost, $25,000.

A. E. Swanson, three-st'y store, flats and barn, 462-464 Forty-seventh St.; cost, $15,000.

H. Graham, three-st'y store and flats, 6712 State St.; cost, $6,000.

D. Vailrath, four-st'y store and flats, 1319 Twenty-second St.; cost, $10,000.

J. D. Vail, four-st'y store and flats, 3631 Cottage Grove Ave.; cost, $10,000.

J. P. Schmitz, four-st'y store and flats, 1996 Madison St.; cost, $8,000.

Minneapolis, Minn. — L. Robins, 25 Main St., n e, brick store and flats; cost, $15,000.

New York, N. Y. — *Forty-second St.*, extending through to Forty-first St., store; owner, James McCreery.

St. Louis, Mo. — Two-st'y brick store; cost, $5,000; owner, D. A. Cooper; contractor, J. W. Cooper.

TENEMENT-HOUSES.

Minneapolis, Minn.—J. H. James, 1-13 Thirty-third St., brick tenement; cost, $25,000.

THEATRES.

Brooklyn, N. Y. — *South Sixth St.*, n s, 125' w Bedford Ave., three-st'y brick theatre, tin roof; cost, $65,000; owner, W. W. Cole, 197 South Ninth St.; architect, W. H. Gaylor, 110 South Eighth St.

New York, N. Y. — *Thirty-fourth and Thirty-fifth Sts.*, near Sixth Ave., theatre; owner, Oscar Hammerstein; architects, J. B. McElfatrick & Sons.

WAREHOUSES.

Baltimore, Md.— Chas. Meyers will build three-st'y brick warehouse, 32 Montgomery St., e Charles St.

Chicago, Ill.—John M. Clark, seven-st'y warehouse, 97-99 South Clinton St.; cost, $30,000.

Underwood & Co., six-st'y warehouse, Lumber and Twenty-second Sts.; cost, $60,000.

St. Louis, Mo. — One-st'y frame warehouse; cost, $2,500; owners and contractors, St. Louis Hay Exchange.

Three-st'y brick warehouse; cost, $2,800; owner, W. G. Willand; contractor, L. J. Evans.

Four-st'y brick warehouse; cost, $7,000; owners, Webber Moulding Co.; contractors, Bueber & Son.

MISCELLANEOUS.

Boston, Mass.—*Baker's Court*, near Washington St. Ward 24, six-st'y brick mill, flat roof, 100.8' x 156.8'; owner, Henry L. Pierce; builder, James Smith.

Brooklyn, N. Y. — *Johnson Ave.*, n s, 24' w Morgan Ave., one-st'y brick grain dryer, brick roof; cost, $10,000; owner, Kings Co. Drying Co., on premises.

Rush St., n s, 55' e Kent Ave., four-st'y brick machine shop, gravel roof; cost, $8,000; owner, A. Spadone, 35 Warren St.; architect, Benj. Finkensieper, 93 Broadway.

Atlantic Ave., s w cor. Georgia Ave., four-st'y brick bank and office-building, slate and tin roof; cost, $22,500; owner, Twenty-sixth Ward Bank, 2509 Atlantic Ave.; architect, J. G. Glover, 186 Remsen St.

New York, N. Y. — *Fifth Ave.*, n e cor. Sixtieth St., club-house; owners, Metropolitan Club; architects, Messrs. McKim, Mead & White.

Fourth Ave., s e cor. Twenty-second St., seven-st'y building; cost, $350,000; owners, United Charities; architect, R. H. Robertson.

Philadelphia, Pa. — *Church St.*, e Josephine St., boiler house; contractor, R. C. Winnals.

Taylor and York Sts., w Emerald St., three-st'y building and two-st'y boiler house; owners, Firth & Foster.

Walnut St., No. 821, one-st'y shop; contractor, S. A. Gibbs.

Pennsylvania Ave., n s, w Nineteenth St., two-st'y foundry; contractors, G. F. Payne & Co.

Fifty-third St., s w cor. Vine St., one-st'y office; owner, T. H. Burrows.

Third St., n e cor. Venango St., one-st'y shop; owner, Augustus Searl.

Twenty-fifth St. and Ridge Ave., one-st'y shop; contractor, Wm. Silence.

American and Dauphin Sts., two-st'y foundry; owners, Abram Cox Stove Co.

Washington Ave., n w cor. Moyamensing Ave., sunday-school building; contractor, C. P. Nesbitt.

Rochester, N. Y. — Four-st'y brick block; cost, $18,000; owner, J. G. Ardrey; architect, C. S. Ellis. Five-st'y brick building; cost, $20,000; owner, Rochester Electric Light Co.

Two-st'y brick block; cost, $10,000; owner, Gundlach Optical Co.; architects, Otis & Crandall.

Four-st'y brick block; cost, $8,000; owner, W. Comerferd; architect, W. Foster Kelly.

Three-st'y brick block; cost, $15,000; owner, L. C. Langie; architect, Otto Block.

East Main and North St. Paul Sts., twelve-st'y brick, granite and marble building; cost, $500,000; owners, Sibley, Lindsay & Carr; architect, I. Foster Warner; iron-work, F. L. Henghis.

Worcester, Mass. — *Concord St.*, one-st'y frame building; owners and contractors, Mansfield and Dearborn Ice Co.

COMPETITION.

HOSPITAL, ETC. [At Nashville, Tenn.]

At the April term of the Davidson County Court, at Nashville, Tenn., we were authorized to advertise for competitive plans, specifications and estimates of cost for the erection of two buildings, a hospital for the insane and a home for the poor of said county.

Those desiring to enter such competition may obtain full information as to character of structures, location, etc., by addressing R. R. Caldwell, County Judge, Nashville, Tenn.

All plans, specifications and estimates of costs must be in the hands of the Committee **on or before June 15, 1891.**

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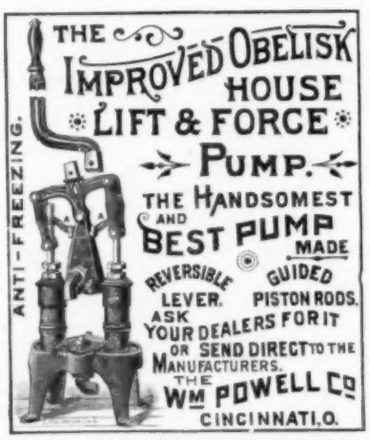

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PROPOSALS.

May 14, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of June, 1891, for all the labor and materials required for the iron stairs, iron-work, etc., of elevator shaft for the United States Court-house, Post-office, etc., building at Denver, Col., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Col. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Stairs, etc., for the United States Court-house, Post-office, etc., building at Denver, Col.," and addressed to W. J. EDBROOKE, Supervising Architect. 805

Proposals for Miscellaneous Articles. Office of Light-house Engineer, Third District, Tompkinsville, N. Y., May 14, 1891. Sealed proposals will be received at this office until 12 o'clock M. Thursday, the 28th day of May, 1891, for furnishing miscellaneous articles for the Light-house Establishment. The articles needed consist of twenty-one numbered lots, embracing, respectively, charcoal and Cumberland coal; building material; engineers' supplies; hardware, tools, etc.; iron and steel; belting; graphite paints, etc.; lumber; boiler covering; plate-glass; galvanized and Russia sheet-iron; tin, solder, sheet-zinc and iron wire; sheet brass and copper; composition, brass and nickel castings; bells; acids; iron castings; sheet-iron smoke-stacks for boilers; electrical supplies; electro-plating supplies; shooks for oil-supply boxes and miscellaneous articles, all of which are enumerated in the specifications attached to the form of bid, which may be obtained on application to this office. Samples may be seen or information obtained at this office concerning any article not sufficiently described in the specifications. Bids will be received for one or more numbered lots complete. Envelopes containing proposals should be indorsed "Proposals for Miscellaneous Articles." The right is reserved to reject any or all bids, to strike out any item or items in the specifications, and to waive any defects. Bidders are invited to be present at the opening of proposals. D. P. HEAP, Major of Engineers, U. S. A., Engineer Third Light-house District. 805

May 9, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 3d day of June, 1891, for all the labor and materials required for the excavation, concrete foundations, stone and brick work of the basement and area walls, first-floor beams and girders, and basement columns, etc., for the United States Post-office building at Lowell, Mass., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Lowell, Mass. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Excavation, Concrete Foundations, Stone and Brick Work of the Basement and Area Walls, etc., for the United States Post-office building at Lowell, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 804

Proposals for Iron-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., May 9, 1891. Separate sealed proposals will be received at this office until 2 P. M. on Tuesday, the 26th day of May, 1891, and opened immediately thereafter in presence of bidders, for furnishing and delivering at the site of the Building for Library of Congress, in this city, the following iron-work, namely: Class 1.—Plate girders for second-story floor. Class 2. — Rolled-iron beams for second-story floor. Class 3.—Wrought and cast-iron work, etc., of boiler-room, skylight, lodge roofs and chimney top. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application to this office. BERNARD R. GREEN, Superintendent and Engineer. 804

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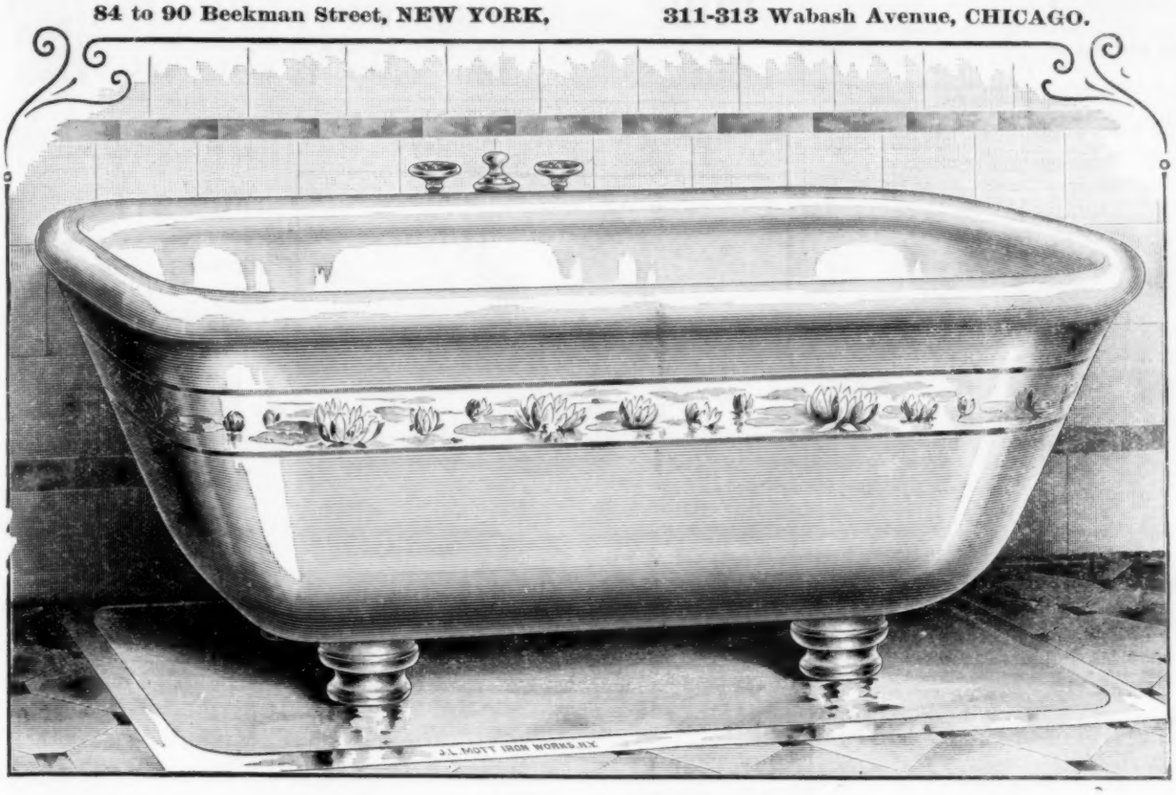

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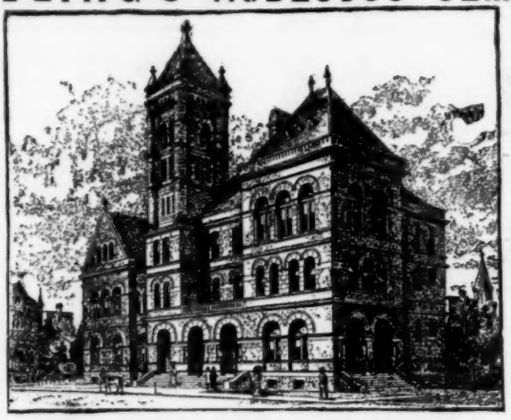

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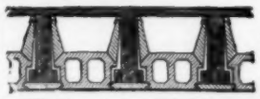

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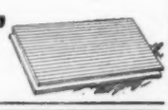

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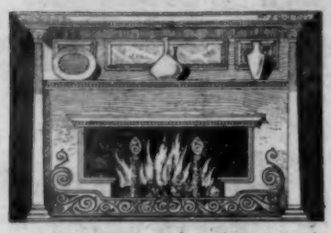

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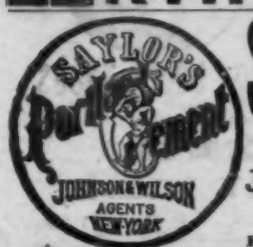

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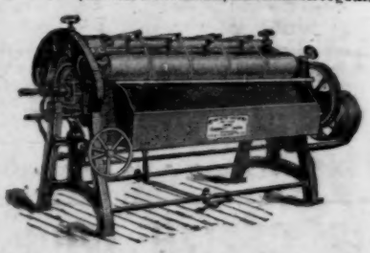

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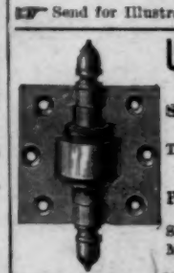

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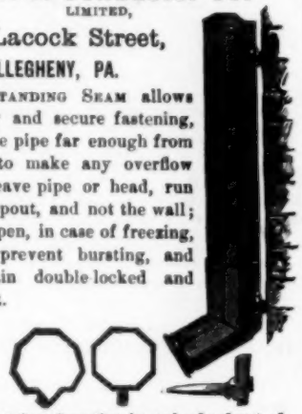

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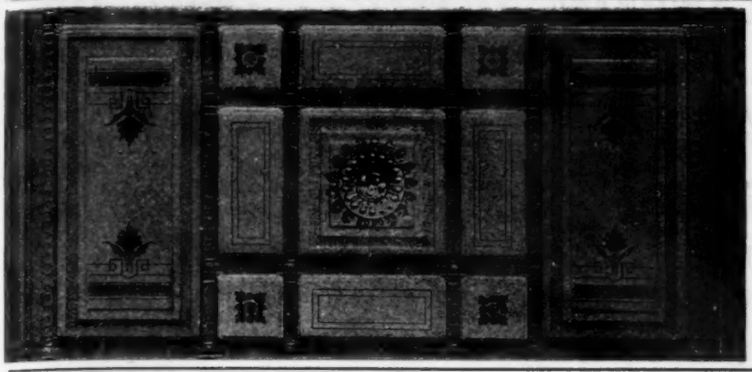

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Cypress	@	32 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
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Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 4 00

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BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Common: *Cargo afloat.*				In Yard.
Pale	2 25 @ 2 50	Eastern	Building Brick	Sq. Hard @ 9 00
Jersey	4 50 @ 5 50	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island	5 50 @ 5 75	Bay State Hard		Salmon @ 5 00
Up River	4 50 @ 5 25	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia		Red "
" dark	@ 14 00	40 00 @ 45 00		@ 13 00
" red	@ 14 00	Phila. mould		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	" @ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 60	₱ Perch @ 4 50

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Mortar Colors.				
Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 60 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: ℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst, Berea, Berlin } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" red	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" black, Lehigh	@	@	7 30 @ 8 00	4 00 @ 4 65
" " Chapmans	5 50 @ 8 00	5 50 @ 8 00	6 30 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me.	@	@	*Not Sold.*	@ 25 00
Tiles, Am ℔ M.	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading.				
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gall.)	53 @ 56	56 @ 57	57 @ 60	@ 60
" " boiled. (℔ gall.)	56 @ 59	59 @ 60	60 @ 63	@ 63
Turpentine (℔ gall.)	41 @ 42	42 @ 43	51 @ 51	@ 44
Varnish, coach (℔ gall.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gall.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting, dry	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4" x 4" (℔ doz. pairs.)				
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6½
Sheet Lead	@	@ 7	@ 6½	6 @ 6
Lead Pipe	@	@		
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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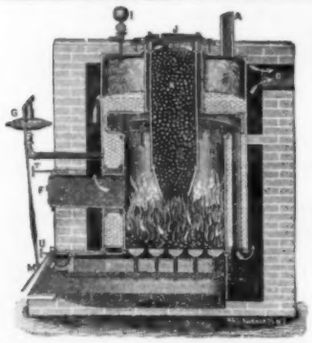

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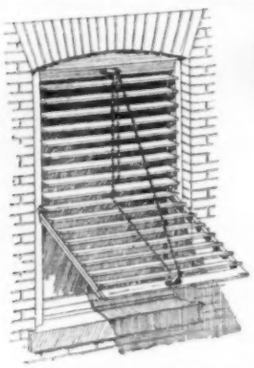

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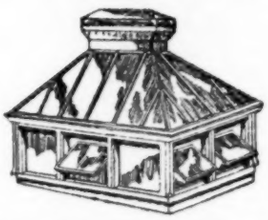

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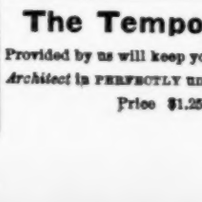

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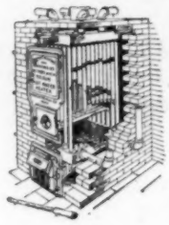

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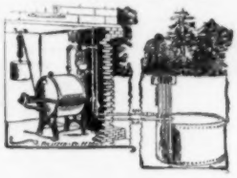

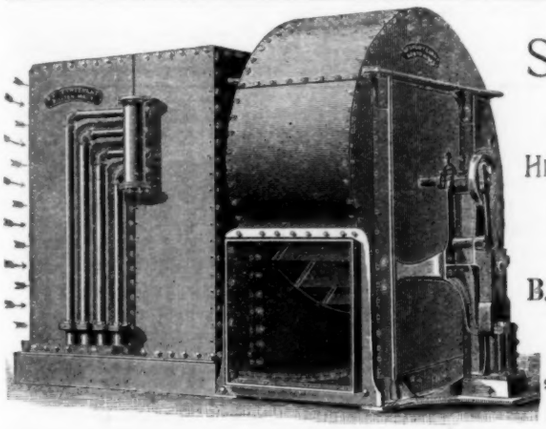

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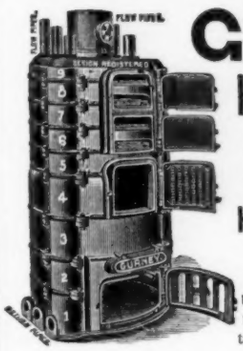

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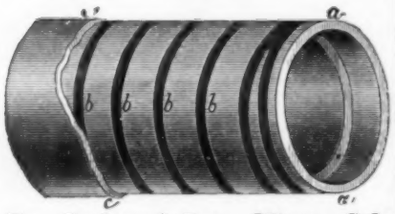

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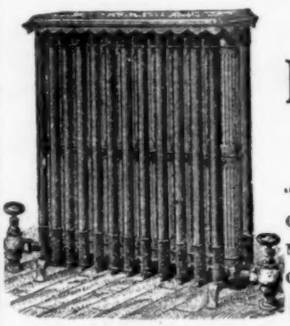

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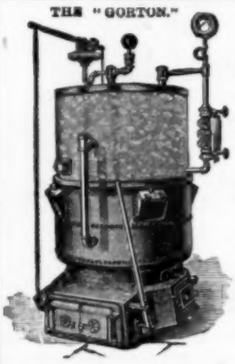

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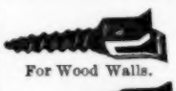

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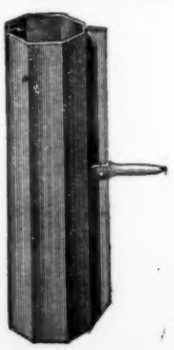

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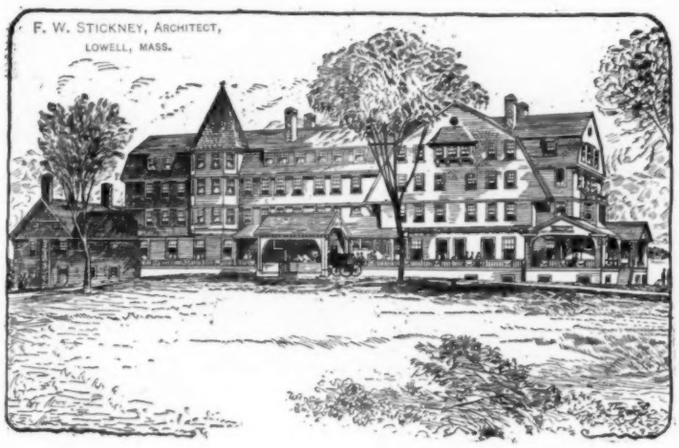

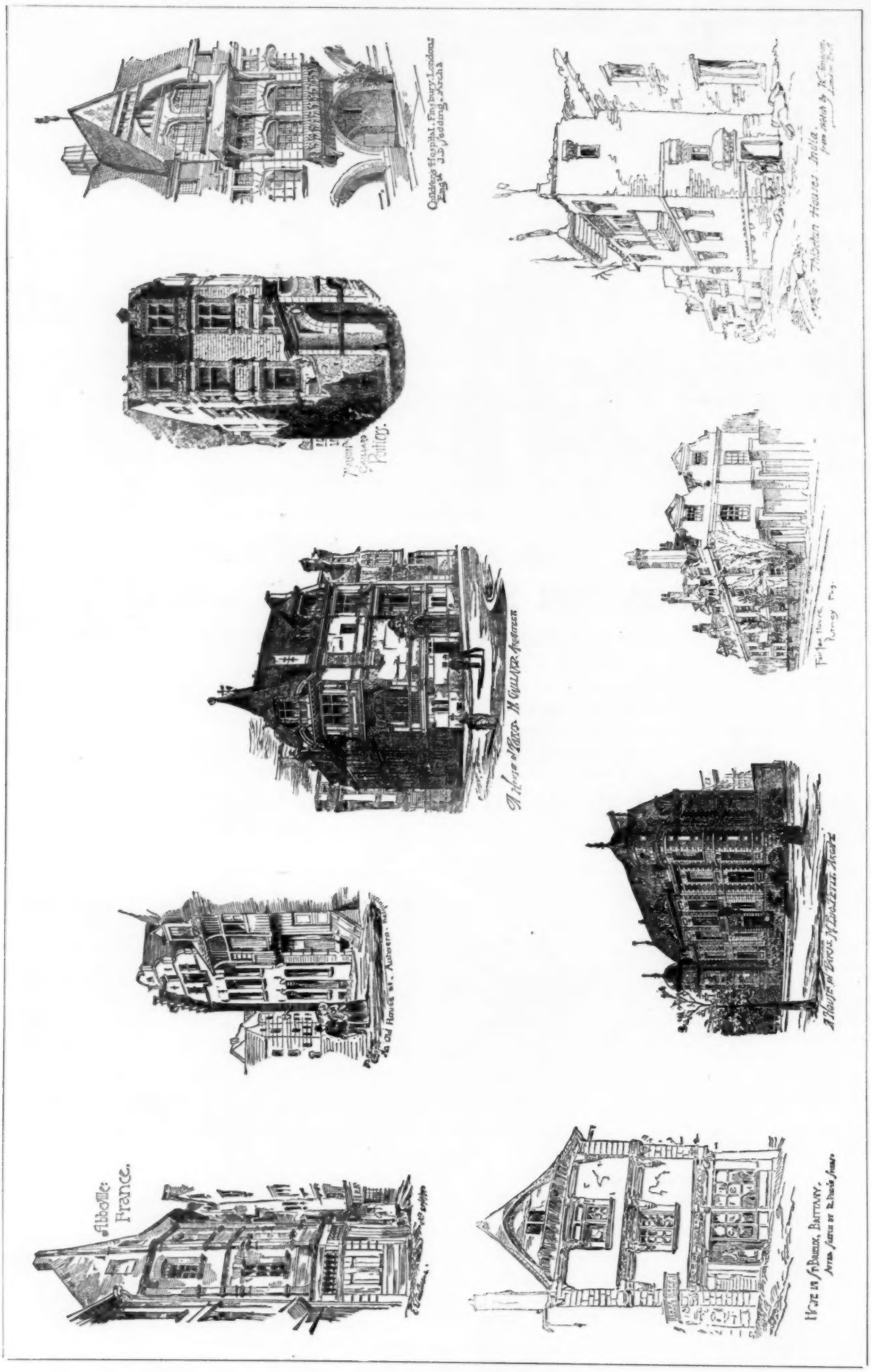
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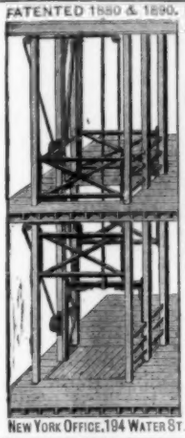

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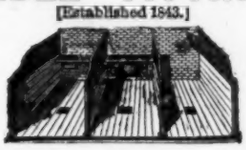

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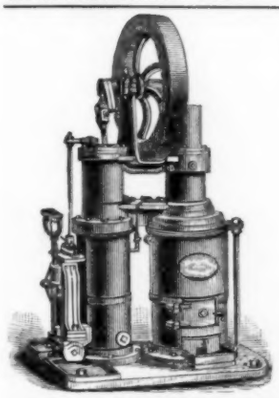

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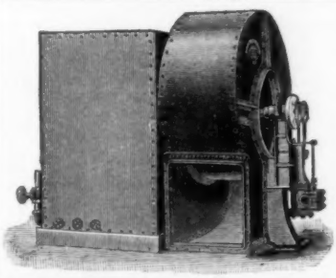

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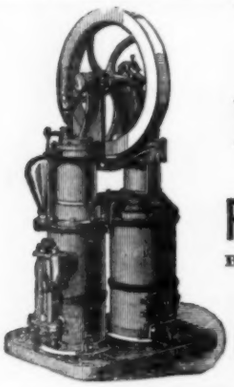

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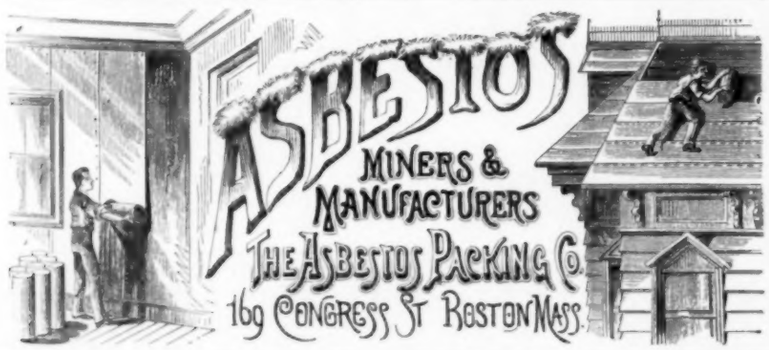

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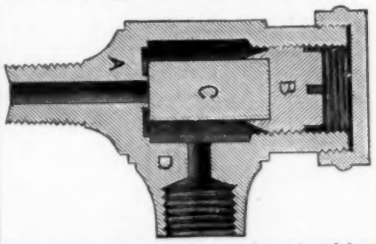

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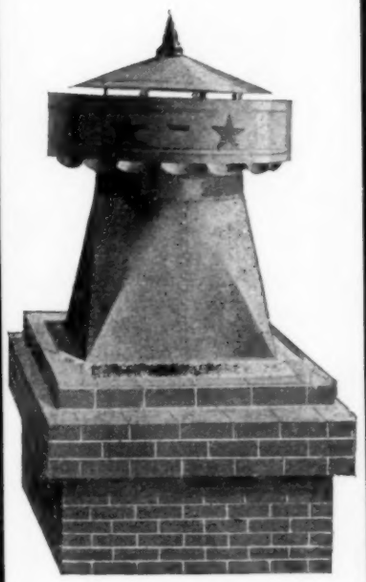

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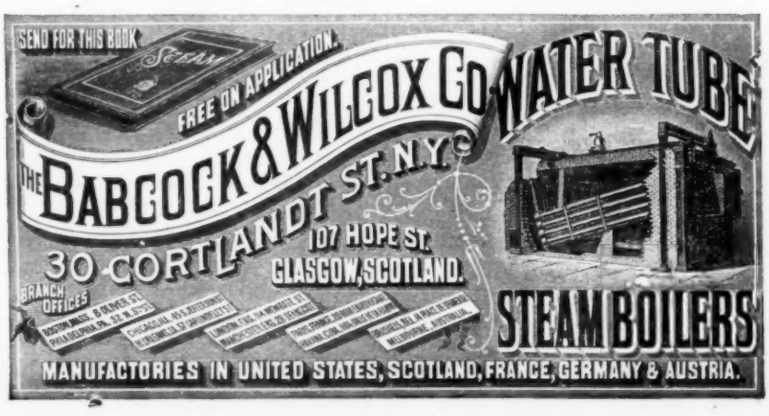

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New Advertisements.

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SCHOOL OF MINES, COLUMBIA COLLEGE (New York, N. Y.), School of Architecture. Page xiv.

PERSPECTIVE DRAWING.

The *American Architect* Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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POSITION. — A young man thoroughly posted on all kinds of iron constructions and ornamental iron-work for buildings wishes a situation in place of the one he now holds; has had extensive experience in New York City, is a good designer and draughtsman; best of references. Address "Iron," care H. M. Carleton, 21 Park Row, New York. 805

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451,929. Steam-Heating Apparatus. — Willis E. Hall, Altoona, Pa.
451,944. Radiator. — Francis Marak, Jr., Everest, Kansas.
451,947. Hatch-Door. — John J. McBride, Ridgefield Park, N. J.
451,962. Hot-Air Furnace. — George W. Walker, Malden, Mass.
451,969. Lock-Hinge. — Thomas Corscaden, New Britain, Conn.
451,982. Cement or Mortar Mixer. — Frank S. Baldwin, Newark, N. J.
452,019. Spacing-Instrument. — Johannes Th. Pederson, New York, N. Y.
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452,096. Elevator Safety-Catch. — John W. Byram, Washington, D. C.
452,105. Air Heating and Ventilating Apparatus for Stoves or Furnaces. — John A. Kirkpatrick, Anthony, Kansas.
452,106. Weather-Strip. — Adolphe La Jeunesse, Alameda, Cal.
452,113. Art of Manufacturing Tile. — Montzuma Scott, New Brighton, Pa.
452,200. Fastener for the Meeting-Rails of Sashes. — Monroe Sonneschein, St. Louis, Mo.
452,208. Sash-Balance. — James S. Baker, Rochester, N. Y.
452,249. Sash-Balance. — John N. Weiser, Wichita, Kansas.
452,258. Sash-Balance. — Ray Burges, Oswego, N. Y.
452,274. Constructive Apparatus. — Paul and George Keller, Rudolstadt, Germany.
452,370. Elevator. — Charles E. Foster, Washington, D. C.
452,388. Steam-Generator. — Norman T. Pitkin, Hartford, Conn.
452,409. Window. — Adrian Hitt, Jersey City, N. J.
452,415. Device for Automatically Closing Doors to Elevator-Wells. — Jacob C. Reed, Sioux City, Iowa.
452,526. Elevator. — Darwin E. Crosby, Philadelphia, Pa.
452,463. Sash-Holder. — Charles S. Apple, Bellaire, Ohio.
452,478. Lock-Hinge. — John A. Hunter, Gettysburg, Pa., and Frank H. Knight, Washington, D. C.
452,502. Steam-Generator. — Louis N. Tonns, Brighton, N. Y.
452,504-506. Hot-Water Circulation Apparatus for Heating Purposes. — Russell Bottsford, Cleveland, Ohio.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING MAY 22, 1891.

From Amsterdam. — Steamer "*Rotterdam*," 1,500 casks cement, order; 45 casks clay, E. Thiele; 3,250 casks cement, order.

From Antwerp. — Steamer "*De Ruyter*," 3,500 barrels cement, 1,000 casks do., order. Steamer "*Pennsland*," 2,000 barrels cement, C. Spencer; 2,750 barrels do., order. Ship "*Reistad*," 5,575 barrels cement, order. Steamer "*Friesland*," 4,004 barrels cement, E. Thiele; 800 do., 10 blocks marble, order. Steamer "*Apollo*," 1,000 barrels cement, Canadian Bank of Commerce; 2,800 do., order.

From Bremen. — Bark "*Johanne*," 896 casks cement, Baetjer & Meyerstein.

From Buenos Ayres. — Bark "*Falmouth*," 12 logs cedar, John Dunn, Son & Co.

See the first issue of the month for the following advertisements.

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From Glasgow. — Steamer "*State of Nebraska*," 42 blocks stone, George W. White; 153 cases granite, Austin, Baldwin & Co.; 20 do., W. C. Townsend; 10,000 fire-bricks, order.

From Greenock. — Steamer "*City of Rome*," 12 blocks freestone, order.

From Hamburg. — Ship "*Ida*," 2,240 barrels cement, E. Thiele; 2,320 do., order. Ship "*Union*," 3,940 barrels cement, order.

From Hull. — Steamer "*Galileo*," 326 casks bricks, Meeker & Carter; 49 bales cattle-hair, order.

From Leghorn. — Steamer "*Scotia*," 11 blocks marble, Taber & Co.; 13 do., order.

From Liverpool. — Steamer "*Gallia*," 130 casks bricks, order.

From London. — Steamer "*Canada*," 1,000 casks cement, McLean Co. (Limited); 1,000 do., order.

From Manzanilla. — Schooner "*Galena*," 2,620 pieces cedar, order.

From Nassau. — Steamer "*Johannes Brun*," 11 logs mahogany, F. T. Montell & Sons.

From Newcastle. — Steamer "*Critic*," 500 casks cement, E. D. Chatfield & Co.; 1,000 do., Bank of British North America; 1,000 do., Howard Fleming 25,000 square fire-bricks, Hammill & Gillespie; 2,000 casks cement, order.

From Nuevitas. — Brig "*Evvira*," 776 logs cedar, Reynes Bros. Brig "*Anton*," 25 pieces mahogany, 322 do. cedar, Henry W. Peabody & Co.

From Rotterdam. — Bark "*Alma*," 2,000 casks cement, order.

From Stettin and Swinemunde. — Steamer "*Italia*," 37 fireproof retorts, 5,170 fireproof bricks, 1,172 barrels cement, H. Marquardt & Co.; 1,500 barrels do., E. Thiele.

From Trininad. — Steamer "*Andes*," 700 tons asphaltum, order.

From Windsor, N. S. — Schooner "*Laconia*," 897 tons plaster, J. F. Whitney & Co. Schooner "*Phœnix*," 700 tons plaster, H. H. Wotherspoon. Bark "*St. Croix*," 1,236 tons plaster, Snow & Burgess. Schooner "*Gypsum King*," 1,004 tons plaster, J. F. Whitney & Co.

From Walton, N. S. — Schooner "*Grecian Bend*," 375 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

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Brooklyn, N. Y. — *DeKalb Ave., Nos. 676-682*}, 4 one-st'y brick stores, tin roofs, raised three stories, four-st'y brick extensions, tin roofs, and other alterations; cost, $32,000; owner, E. J. Maitland, 201 Montague St.; architects, Chas. A. Seymour & Co.

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"*Henry Hobson Richardson.*" Illustrated.
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CARPENTRY.

TREDGOLD, THOS., $5.00
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Boston (211 Tremont St.): Ticknor & Co.

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CLARK, T. M. $3.00
"*Building Superintendence.*" Cuts.
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WARE, WILLIAM R., PROFESSOR, $5.00
"*Modern Perspective.*"
Boston (211 Tremont St.): Ticknor & Co.

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FULLERTON, WM., $6.00
"*Architectural Examples in Brick, Stone, Wood, and Iron.*"
New York (12 Cortlandt St.): E. & F. N. Spon.
YOUNG, WM., $10.00
"*The Municipal Buildings, Glasgow.*"
20 Collotype Illus.
New York (12 Cortlandt St.): E. & F. N. Spon.

BUILDING INTELLIGENCE.

North Tenth St., Nos. 79-97, two-st'y brick factory, tar and gravel roof, one-st'y brick extension, tar and gravel roof, and damage from fire repaired; cost, $3,000; owners, Tuttle & Bailey Mfg. Co., North Tenth St.; architect, A. Namm, 35 Broadway, New York City.

Detroit, Mich. — S. D. Miller, addition to dwell., Jefferson Ave.; cost, $10,000.

Philadelphia, Pa.—*Spruce St., No.* 1931, alterations and additions to brick dwell.; owner, Dr. Chas. N. Davis; contract to be let; architect, W. Whitney Lewis, Boston.

Cumberland St., n w cor. Almond St., alterations; owner, G. W. S. Hubbert.

Dickinson St., No. 2038, alterations; owner, J. M. Applegate.

De Lancey Pl., No. 1821, addition; contractor, R. L. Gibbon.

North Eighth St., No. 887, addition; contractor, J. F. Greene.

Federal St., No. 1904, addition; contractor, C. W. Cooling.

Fortieth St., Nos. 744-746, additions; contractor, John Freeman.

North Fourth St., No. 226, alterations; contractor, R. J. Young.

Orthodox and Worth Sts., addition; contractor, R. C. Winnals.

Powelton Ave., No. 4031, addition; contractor, John G. Ruff.

Queen Lane, w Wissahickon Ave., addition; contractor, Howard Rue.

Silvan St., No. 4000, alteration; owner, John Boyle.

Spring Garden St., No. 2021, addition; contractors, George Watson & Son.

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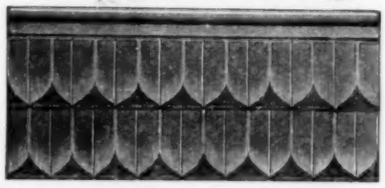
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New York, N. Y. — *East One Hundred and Twelfth St., No.* 150, one and two st'y brick church, tin roof; cost, $8,000; owners, Congregation German Evangelical St. Paul's Church, 2168 Second Ave.; architect, William Graul, 215 Broadway.

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Bower St., rear, near Humboldt Ave., Ward 21, three-st'y frame dwell., flat roof, 26′ x 36′; owner, J. F. Dempsey; builders, R. D. Ward & Co.

North Beacon St., No. 257, Ward 25, two-st'y frame dwell., gambrel roof, 26.6′ x 32′; owner, Margaret Welch; builder, T. Wethers.

Harvard St., near Harvard Ave., Ward 24, frame dwell., 22′ x 34′; owner, William Boyd; builder, H. N. Wyman.

Bennington St., Nos. 168-170, Ward 1, 2 three-st'y frame dwells., flat roofs, 22′ x 50′; owner, Robert Ring; builders, Wilbur & Goodwin.

Oak Terrace, near Lyons St., Ward 24, two frame dwells., 22′ x 30′; owner and builder, Benjamin Rockwell.

Unnamed st., off Harvard St., Ward 24, frame dwell., 22′ x 34′; owner, William Boyd; builder, H. N. Wyman.

Greenville St., near Dudley St., Ward 20, three-st'y frame dwell., flat roof, 31′ x 50′; owners, Mrs. G. B. Withington and Stephen Bowen; builders, C. W. Bowers & Co.

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J. Gulow, two frame dwells., 641 Congress St., e; cost, $6,200.

George E. Dephea, double brick dwell., 269 Warren Ave., e; cost, $10,000.

Hess & Raseman, three brick dwells. and stores, 238 Gratiot Ave.; cost, $12,000.

Mason & Rice, brick dwell., 37 Eliot St.; cost, $30,000; also dwell. for L. H. Jones, 48 Warren Ave., cost, $7,500.

Peter Diedrichs, six brick dwells. and stores, High St.; cost, $25,000.

M. L. Smith & Son, six brick dwells., 323, etc., Brush St.; cost, $12,000.

Ives & Nuth, double brick dwell., Woodward Ave.; cost, $10,000.

Sherman & Harris, two frame dwells., 357 Harrison Ave.; cost, $4,000.

Spier & Rohus, brick dwell., East High St.; cost, $11,500; also two dwells. and stores, 1262-1264 Gratiot Ave.; cost, $8,000; also brick dwell. and store, 266 Humboldt St.; cost, $4,000.

W. H. Hollands & Sons, brick dwell., Jefferson Ave.; cost, $3,500.

M. Schich, brick dwell., etc., 1667 Michigan Ave.; cost, $3,500.

M. Blay & Son, brick dwell., 1000 Jefferson Ave.; cost, $30,000.

M. Blay & Son, brick dwell., 155 Ferry St.; cost, $7,500.

E. A. Waterfall, three frame dwells., 760 Seventh St.; cost, $6,000.

H. W. Raper, brick and frame dwell., 154 Lincoln Ave.; cost, $3,600.

Hick & Sons, frame dwell. and store, 409 Mullett St.; cost, $3,500.

A. C. Varney & Co., three brick dwells., 197, etc., Selden Ave.; cost, $14,000; double brick dwell., 76, 78 Adelaide St.; cost, $9,000; double brick dwell., 468-470 Brush St.; cost, $8,500; double brick dwell., 625-627 Congress St., e; cost, $8,000; double frame dwell., 406-408 Meldrum Ave.; cost, $3,500.

Milton (Blue Hills), Mass.—Frame dwell., 36′ x 41′; with L, 25′ x 26′, and stable; owner, J. J. Minot; contract to be let; architect, Franz E. Zerrahn, Boston.

Providence, R. I. — *Hawthorne St.*, s s, near Greenwich St., two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Mrs. Mary E. Nickerson; builder, George H. Allen.

Glenham St., n w cor. James St., two-and-one-half-frame dwell.; cost, $3,000; owner, Chas. Reilley and wife; built by contract.

McKenna St., n w cor. Cross St., three-st'y frame dwell.; cost, $4,500; owners, O'Connell Bros.; builder, John T. Rafferty.

Somerville, Mass. — *Chestnut Court*, two frame dwells., one 9 rooms, other 10 rooms; owner, Mrs. S. S. Stetson; contract to be let; architect, S. S. Woodcock, Boston.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $2,800; owner, M. E. Kerich; contractor, Thos. Knittel.

Two-st'y brick dwell.; cost, $3,500; owner, T. W. Croach; contractor, L. J. Evans.

Four-st'y brick dwell. and store; cost, $9,000; owner, F. Rurge; contractor, N. F. Beinke.

Two-st'y brick dwell.; cost, $2,800; owner, T. A. Walker; builder, J. H. Drees.

Two two-st'y brick dwells.; cost, $6,000; owner and contractor, G. W. Pipe.

Two-st'y brick double dwell.; cost, $7,000; owners and contractors, Building Co.

Two two-st'y brick dwells.; cost, $5,600; owner, L. J. Silon; contractor, J. A. Smith.

Two-st'y brick dwell. and store; cost, $11,000; owners, Hammet, Anderson & Wade; contractor, J. H. Keefe.

Two-st'y brick dwell.; cost, $2,700; owner, T. Hauszer; contractor, A. Nega.

Two-st'y brick double dwell.; cost, $3,800; owner, J. D. Sullivan; sub-let.

Two-st'y brick dwell.; cost, $7,500; owner, W. S. Flemming; sub-let.

Five two-st'y brick dwells.; cost, $20,000; owner and contractor, G. Meukum.

Two-st'y brick dwell.; cost, $5,500; owner, J. Mober; contractor, G. G. Chapline.

Two-st'y brick dwell.; cost, $3,900; owner, N. Diekman; contractor, Boetlinger.

Two-st'y brick dwell.; cost, $5,000; owner, G. F. Bergefeld; contractor, J. J. Whortin.

Two-st'y brick dwell.; cost, $5,000; owner and contractor, J. W. Farnell.

Two-st'y brick dwell.; cost, $8,000; owner, A. Weber; contractor, A. Wind.

Warren, Mass. — Double frame dwell., 41′ x 61′; owner, Warren D. Hosley; contract to be let; architect, Willard M. Bacon, Boston.

Worcester, Mass. — *East Kendall St.*, three-st'y frame dwell.; owner, T. H. Dean; contractors, Beaulieu & Bebeau.

Bleeker St., frame dwell.; owner, D. L. Goodrich; contractor, D. M. Waterman.

Ward St., three-st'y frame dwell.; owner, J. Laganette; contractor, D. M. Waterman.

Austin St., three-st'y frame dwell.; owner, A. Brunell; contractors, Bregola & Lessard.

Bellevue St., three-st'y frame dwell.; owner, A. Brunell; contractors, Bregola & Lessard.

Hawkins St., two-st'y frame dwell.; owner, John Scollard; contractor, J. T. Gallagher.

Hecker St., three-st'y frame dwell.; owner, R. Sampson; contractors, Lavigne Bros.

Cambridge St., two-st'y frame dwell.; owner, Peter Wood; contractors, G. S. & H. S. Hadley; architects, Fuller & Delano.

Grafton St., one-and-one-half-st'y frame cottage; owner, J. Lajoe; contractors, Bellsle & Maynard; architects, Patstone & Lincoln.

Ward 2, three-st'y frame dwell.; owner, Ulrie Gravel; contractors, Bellsle & Maynard.

Beaver St., 4 two-st'y frame dwells.; owner and contractor, Minard Wood.

Lawrence St., three-st'y frame dwell.; owner, Mrs. Ellen Kelley; contractors, Lavigne Bros.; architect, W. H. Harvey.

Union Ave., three-st'y frame dwell.; owner, Florence Fremnane; contractor, P. Casey.

OFFICE-BUILDINGS.

Augusta, Ga. — The erection of an office-building to cost about $100,000 is proposed.

Chicago, Ill. — A. J. Alexander, sixteen-st'y office-building, Randolph and Clark Sts.; cost, $600,000.

New York, N. Y. — *Williams St.*, s e cor. Cedar St., eight-st'y brick and stone office-building; owners, Germania Life Insurance Company; architects, Messrs. Lamb & Rich.

PUBLIC BUILDINGS.

Worcester, Mass.—*Chatham St.*, four-st'y brick and stone Young Women's Christian Association Building; contractors, Norcross Bros.; architect, Stephen C. Earle.

RAILROAD-BUILDINGS.

Huntington, Mass. — Railroad station, granite ashlar and sandstone trimmings, for Boston & Albany R. R.; builder, Chas. H. Dodge; architects, Shepley, Rutan & Coolidge, Boston.

SCHOOL-HOUSES.

Worcester, Mass. — *Downing St.*, two-st'y brick school-house; owners, City of Worcester; contractors, W. F. Dearborn & Son; architect, W. R. Forbush.

STABLES.

Beverly, Mass. — *Ober St.*, frame stable, 26′ x 70′; owner, John Wales; contract to be let; architect, W. Whitney Lewis, Boston.

Boston, Mass. — *Richmond St., No.* 100, *rear*, Ward 24, one-st'y frame stable, pitch roof, 27′ x 30′; owner, John E. Dodge; builders, Chute Bros.

One-st'y frame stable; owner, H. H. Howland; architect, J. B. Woodworth, Worcester; contract not let.

Chicago, Ill. — Partridge & Netchen Boston Store, six-st'y stables and warehouse, 1501-1507 State St.; cost, $65,000.

John Marder, two-st'y stable, 205 Forty-eighth St.; cost, $2,500.

Dr. J. A. Bovett, two-st'y barn, 1246 Michigan Ave.; cost, $5,000.

Detroit, Mich. — A. C. Varney & Co., brick barn, Jefferson Ave.; cost, $3,800.

Worcester, Mass.—*Summer St.*, three-st'y brick and

Roofing Materials.

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COMINS & EVANS.
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Market and Fulton Bank Building, 81 and 83 Fulton St., N. Y. City.

BUILDING INTELLIGENCE.

stone stable; owner, J. W. Doon; contractor, Thos. Doon.

Paine St., one-st'y frame stable; owner, James H. Whittie; contractor, W. Powers; architects, Fuller & Delano.

Dewey St., one-st'y frame stable; owner, Mrs. M. J. Kendall, day work.

STORES.

Boston, Mass.—*Salem St., No.* 100, cor. Bartlett Pl., Ward 7, one-st'y brick store, flat roof, 17′ x 45′; owner, Max Liebman; builder, John Kelley.

Brooklyn, N. Y. — *Nevin St.*, s w cor. Wyckoff St., four-st'y brick store and dwell., tin roof; cost, $6,000; owner, James McGarry, on premises; architect, Robert Dixon, 219 Montague St.

Manhattan Ave., w s, 250′ s Meserole Ave., 3 five-st'y brick stores and dwells., gravel or tin roofs; cost, $21,000; owners and architects, Randall & Miller, 16 Bedford Ave.

Melrose St., n s, 225′ w Knickerbocker Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $10,000; owner, Wm. Schwab, Flushing and Knickerbocker Aves.; architect, Herman E. Funk, 11 Varet St.

Fifty-sixth St., n w cor. Third Ave., 4 four-st'y brick stores and dwells., tin roofs; cost, $10,000 each; owner, Richard K. Fox, Franklin Square, New York; architect, Robert E. Rogers, 81 East One Hundred and Twenty-fifth St., New York.

Third Ave., s w cor. Fifty-seventh St., 4 four-st'y brick stores and dwells., tin roofs; cost, $10,000 each; owner, Richard K. Fox, Franklin Square, New York; architect, Robert E. Rogers, 81 East One Hundred and Twenty-fifth St., New York.

Glenmore Ave., s w cor. Jerome St., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, John Homan, Glenmore Ave., near Jerome St.; architect, Charles Infanger, 68 Van Siclen Ave.

Chicago, Ill.—Louis Grunder, 3 three-st'y stores and flats, 5955-5959 State St.; cost, $20,000.

Mike Gericks, two-st'y stores and flats, 158 Armitage Ave.; cost, $5,000.

John C. Murphy, four-st'y store and flats, 234 Townsend St.; cost, $8,000.

G. Fenowe, four-st'y store and flats, 105 Ewing St.; cost, $8,400.

James Aovazdovky, four-st'y store and flats, 1030 California Ave.; cost, $8,200.

J. B. Gillies, 5 two-st'y stores and flats, 58-60 Center St.; cost, $20,000.

Frank Pottkaski, three-st'y stores and flats, 714 West Eighteenth St.; cost, $10,000.

August F. Mahlpeil, 2 three-st'y stores and flats, 515-517 West Fifteenth St.; cost, $13,000.

Peter Schoenhofen Brewing Co., three-st'y stores and flats, 2104 West Lake St.; cost, $7,000.

W. J. Mittel, three-st'y store and flat, 850 North Ave.; cost, $8,000.

John Knarst, four-st'y store and flats, 153 Center St.; cost, $5,000.

K. Rudgoueski, two-st'y store and flat, 8300 Superior Ave.; cost, $3,000.

John Olson, four-st'y store and flat, 4423 State St.; cost, $6,000.

Frank Slatter, two-st'y store and flat, 546 West Twenty-fifth St.; cost, $3,000.

Radke Bros., two-st'y store and flats, 463 South California Ave.; cost, $5,500.

Herman Schubert, three-st'y store and flats, 3657 Wentworth Ave.; cost, $5,000.

BUILDING INTELLIGENCE.

Aug. G. Nihlein, three-st'y store and flats, 68 North Oakley Ave.; cost, $6,000.

J. C. Babgrin, three-st'y store and flats, 716 Halsted St.; cost, $4,000.

Della A. Bowles, three-st'y store and flats, 5752 Wentworth Ave.; cost, $4,500.

C. Buck, 2four-st'y stores and flats, 4410-4412 State St.; cost, $16,000.

August Boydd, three-st'y store and flats, 925 West Eighteenth St.; cost, $5,000.

Mrs. King, 2 four-st'y store and flats, 6057-6059 State St.; cost, $32,000.

Mrs. Mary Knight, 2 four-st'y stores and flats, 4401-4403 State St.; cost, $13,000.

Martha E. Trundle, two-st'y store and flats, 1125 Sheffield Ave.; cost, $3,500.

E. Valergo, four-st'y store and flats, 213 South Halsted St.; cost, $13,000.

Nels. Rosnusser, four-st'y store and flats, 149 Centre Ave.; cost, $4,000.

Miss M. Howlett, 2 four-st'y stores and flats, 1518-1520 Wabash Ave.; cost, $40,000.

Detroit, Mich.—Mason & Rice, five-st'y brick double store, 243-5-7 Jefferson Ave.; cost, $40,000.

M. L. Smith & Son, five-st'y brick store, 24 Gratiot Ave.; cost, $30,000.

New York, N. Y. — *Broadway, No.* 661, *Mercer St., No.* 228, eight-st'y brick store, mansard, tile and slate roof; cost, $135,000; owner, Moses Sohlein, Hoffman House; architects, Brunner & Tryon, 36 Union Square.

Fifty-eighth St., n s, 560′ w Eleventh Ave., two-st'y brick store, gravel roof; cost, $30,000; owner, Eastman Company, 1 East Seventy-second St.; architect, J. E. Terhune, 47 Liberty St.

Houston St., n w cor. Greene St., six-st'y brick store, tin roof; cost, $40,000; owner, S. V. R. Cruger, 112 East Thirty-fifth St.; architect, Charles C. Haight, 111 Broadway.

Third Ave., No. 2209, five-st'y brick store, tin roof; cost, $22,000; owner, George Fennell, 248 Grand St.; architect, William Graul, 215 Bowery.

West One Hundred and Twenty-fifth St., No. 115, four-st'y brick store, tin roof; cost, $35,000; owner, Catharine L. Hanscom, 66 West One Hundred and Twenty-fourth St.; architect, Carl A. Millner, Jr., 715 East One Hundred and Forty-fifth St.

One Hundred and Twenty-ninth St., n e cor. Twelfth Ave., two-st'y brick store, gravel roof; cost, $10 000; owner, Mary G. Pinkney, One Hundred and Thirty-ninth St., near Seventh Ave.; architect, L. A. Davis, 466 West Thirty-fourth St.

North Moore St., No. 42, six-st'y brick store, tin roof; cost, $20,000; owner, Lillian M. Stokes, 8 West Fifty-third St.; architect, Richard Berger, 110 Leonard St.

West One Hundred and Twenty-fifth St., Nos. 158-160, three-st'y brick store, tin roof; cost, $22,000; owner, E. D. Farrell, 359 West Fifty-seventh St.; architect, Julius Munkowitz, 247A One Hundred and Twenty-fifth St.

Sixth Ave., Nos. 259-261, five-st'y brick store, tin roof; cost, $60,000; owner, John A. Dresler, 119A Thirteenth St.; architect, J. E. Terhune, 47 Liberty St.

North Moore St., Nos. 35-37, *Beach St., Nos.* 30 32, six-st'y brick store, tin roof; cost, $75,000; owner, Merchants Refrigerator and Ice Manufacturing Co., 36 Mercantile Exchange; architect, Thomas R. Jackson, 61 Broadway.

West Fourth St., Nos. 28-30, six-st'y brick store, tin roof; cost, $26,000; owner, George R. Read, Rye, Westchester Co.; architect, Oswald Wirz, 153 Fourth Ave.

Greene St., Nos. 222-224, six-st'y brick store, tin roof; cost, $60,000; owner, James A. Wallace, 236 East Fiftieth St.; architect, Oswald Wirz, 153 Fourth Ave.

Waverly Pl., No. 18, six-st'y brick store, tin roof; cost, $72,000; owners, Samuel and Henry Corn, 23 East One Hundred and Twenty-eighth St., and 130 West Seventy-eighth St.; architect, Alfred Zucker, Union Square.

Leonard St., Nos. 162, 164, 176, seven-st'y brick store, tin roof; cost, $35,000; owner, John Simmons, 179 New York Ave., Brooklyn; architect, John B. Brazin, 52 East Twenty-third St.

East One Hundred and Twenty-fifth St., Nos. 209-211, six-st'y brick store, tin roof; cost, $45,000; owner, Justus Cooke, 553 Manhattan Ave.; architects, Cleverdon & Putzell, 529 Broadway.

Spring St., Nos. 131-137, 2 six-st'y brick stores, tin roof; cost, $190,000; owners, John and Philip Goerlitz, 345 East Forty-ninth St., and 125 East Forty-seventh St.; architect, Franklin Baylies, 51 and 52 Bible House.

Thirteenth Ave., Nos. 14 and 15, seven-st'y brick store, gravel roof; cost, $50,000; owner, Charles F. Hoffman, 51 West Fifty-third St.; architects, Jno. B. Snook & Son, 12 Chamber St.

Watts St., Nos. 34, 36 and 38, six-st'y brick store, tin roof; cost, $35,000; owner, Wm. O. Smith, 99 Varick St.; architects, H. M. Smith & Son, 99 Varick St.

Warren St., No. 59, six-st'y brick store, tin roof; cost, $30,000; owner, Charles Lesinsky, 13 East Eighty-third St.; architect, Bruno W. Berger, 80 Bible House.

Broadway, No. 915, six-st'y brick store, tin roof; cost, $25,000; owner, Margaret H. Schieffelin, 162 Madison Ave.; architect, Edward H. Kendall, 150 Fifth Ave.

Chamber St., No. 92, five-st'y brick store, tin roof; cost, $20,000; owner, Grace Church, New York, 62 West Twenty-first St.; architects, Walgrove & Israels, 99 Nassau St.

Philadelphia, Pa.— *Woodstock St.*, e s, n Berks St., two-st'y store; contractor, David Trumbauer.

WAREHOUSES.

Chicago, Ill. — Alfred Cowles, seven-st'y storage warehouse, 170-172 North Jefferson St.; cost, $25,000.

Chapman Bros., six-st'y warehouse, 71-73 West Monroe St.; cost, $25,000.

Harn Bros., five-st'y warehouse, 281-287 West Superior St.; cost, $15,000.

New York, N. Y. — *Hudson St., Nos.* 121-123, six-st'y brick warehouse, tin roof; cost, $80,000; owner, Estate of John Castree, 201 West Fifty-fifth St.; architect, Thomas R. Jackson, 61 Broadway.

Wooster St., Nos. 167-173, six-st'y brick, stone and iron warehouse, cost, $100,000; owners, Messrs. Havens and Winters; architect, Ralph J. Townsend.

MISCELLANEOUS.

Archer City, Texas. — Court-house to cost $35,000 will be erected from plans by A. N. Dawson, of Fort Worth.

Baltimore, Md.—The Odd Fellows will erect a four-st'y hall building, Saratoga St. n w cor. Cathedral St.

Boston, Mass.—*Portland St., Nos.* 166-198, *and Lancaster St.*, Ward 7, six-st'y brick mercantile building, flat roof, 112′ x 145′; owner, Peter B. Brigham Estate.

South St., on Old Colony Railroad yard, Ward 12, one-st'y brick boiler-house, 34′ x 64′; owners and builders, Old Colony Railroad Co.

Harrison Ave., No. 1120, cor. Renfrew St., brick storage, 50′ x 62′; owner, M. P. Curtis; builders, W. A. & H. A. Root.

Brooklyn, N. Y.—*Montague St.*, s w cor. Clinton St., ten-st'y brick banking and office-building, iron, fireproof blocks and tile roof; cost, $200,000; owner, Franklin Trust Co., Remsen St.; architect, George L. Morse, 213 Montague St.

Baltic St., foot of pier, one-st'y frame freight shed, felt and gravel roof; cost, $12,000; architect, Valentine Losee, 170 Sands St.

Chicago, Ill. — House of Providence, four-st'y brick building, 349-351 Market St.; cost, $35,000.

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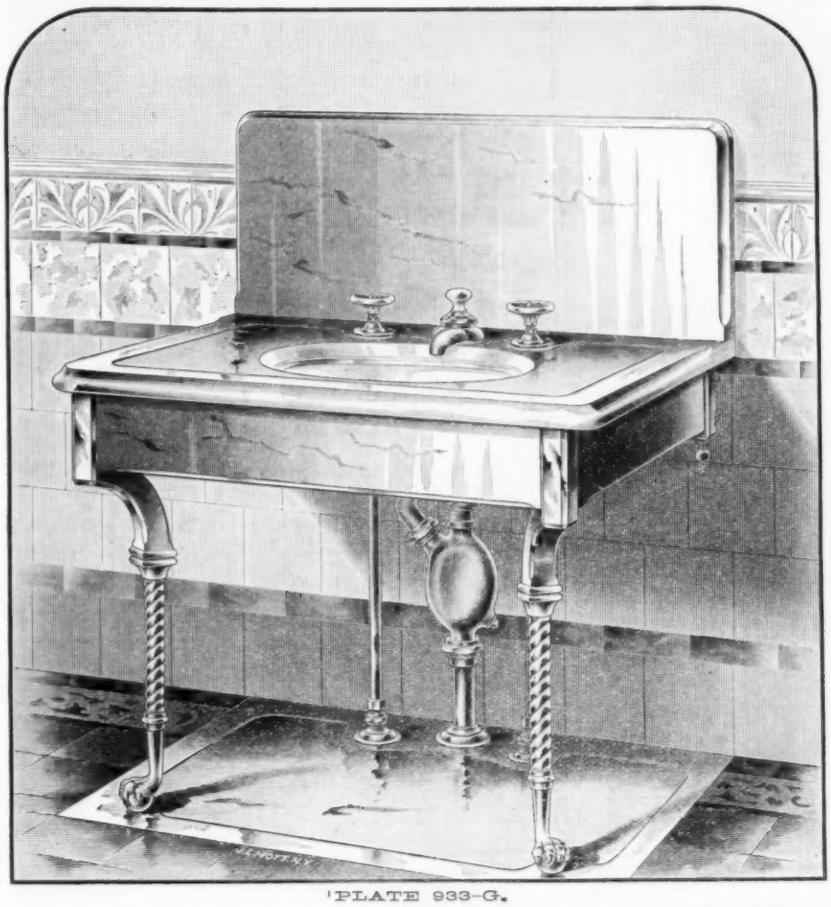

PLATE 933-G.

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All the Brass Work furnished either Nickel-plated, Silver-plated or Polished.

The Marble Slab shown is 33x24 inches, with 12-inch Back and 5-inch Front, and Side Pieces; other sizes furnished to order.

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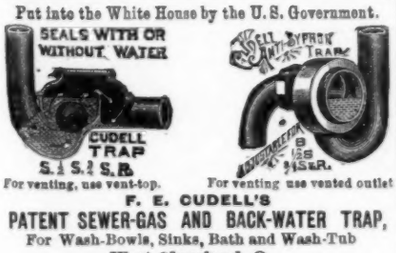

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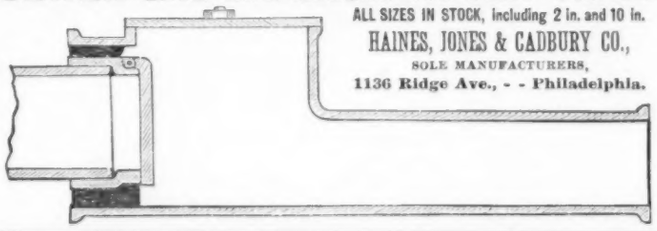

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BUILDING INTELLIGENCE.

E. Ericson, four-st'y office and hall, 6155 Wentworth Ave.; cost, $10,000.

Chicago Athletic Association, ten-st'y club-house, 125-128 Michigan Ave.; cost, $200,000.

Jens. Nelson, power-house, South Chicago Ave. and seventy-first St.; cost, $3,500.

The troubles in the iron market of one kind or another create a little delay in some of the larger buildings, which, practically, are all iron (or, perhaps, more properly, steel), the outside walls, stone, brick, terra-cotta or whatever may be used, only serving the purpose of an "outside." These troubles, however, are probably only temporary.

New York, N. Y. — The New York Press Club has decided to build a twelve-st'y building on Park Pl., running through to Murray St.; cost, $500,000.

Pier No. 10, East River, one-and-two-st'y iron and terra-cotta freight shed, peak, tin, felt and gravel roos; cost, $135,000; owner, Campania Transatlantic Espanola, 80 Wall St.; architect, R. P. Staats, 35 Broadway.

Allen St., No. 205, six-st'y brick workshop, tin roof; cost, $8,000, owner, Samuel Rempner, 159 East Sixty-first St.

Cannon St., No. 49, five-st'y brick workshop, tin roof; cost, $8,000; owner, Jacob Richard, 278 Delaney St.; architect, Louis F. Heinecke, 62 Bowery.

Norfolk St., No. 17, six-st'y brick workshop, tin roof; cost, $8,500; owner, Abraham J. Bleistitt, 233 East Sixty-second St.

BUILDING INTELLIGENCE.

Worcester, Mass.—*Salem St.*, two-st'y frame store house and bakery; owner, C. H. Partman; contractor, A. R. Marble.

Assonet St., four-st'y brick and stone machine shop; owner, Caleb Colvin; architects, Fuller & Delano; contracts not let.

Colton St., one st'y frame shop; owner, Major Gilbraith; builder, P. Casey.

PROPOSALS.

Proposals for Miscellaneous Articles. Office of Light-house Engineer, Third District, Tompkinsville, N. Y., May 14, 1891. Sealed proposals will be received at this office until 12 o'clock M. Thursday, the 28th day of May, 1891, for furnishing miscellaneous articles for the Light-house Establishment. The articles needed consist of twenty-one numbered lots, embracing, respectively, charcoal and Cumberland coal; building material; engineers' supplies; hardware, tools, etc.; iron and steel; belting; graphite paints, etc.; lumber; boiler covering; plate-glass; galvanized and Russia sheet-iron; tin, solder, sheet-zinc and iron wire; sheet brass and copper; composition, brass and nickel castings; bells; acids; iron castings; sheet-iron smoke-stacks for boilers; electrical supplies; electro-plating supplies; shooks for oil-supply boxes and miscellaneous articles, all of which are enumerated in the specifications attached to the form of bid, which may be obtained on application to this office.

PROPOSALS.

Samples may be seen or information obtained at this office concerning any article not sufficiently described in the specifications. Bids will be received for one or more numbered lots complete. Envelopes containing proposals should be indorsed "Proposals for Miscellaneous Articles." The right is reserved to reject any or all bids, to strike out any item or items in the specifications, and to waive any defects. Bidders are invited to be present at the opening of proposals. D. P. HEAP, Major of Engineers, U. S. A., Engineer Third Light-house District. 805

May 14, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of June, 1891, for all the labor and materials required for the iron stairs, iron-work, etc., of elevator shaft for the United States Court-house, Post-office, etc., building at Denver, Col., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Col. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Stairs, etc., for the United States Court-house, Post-office, etc., building at Denver, Col.," and addressed to W. J. EDBROOKE, Supervising Architect. 805

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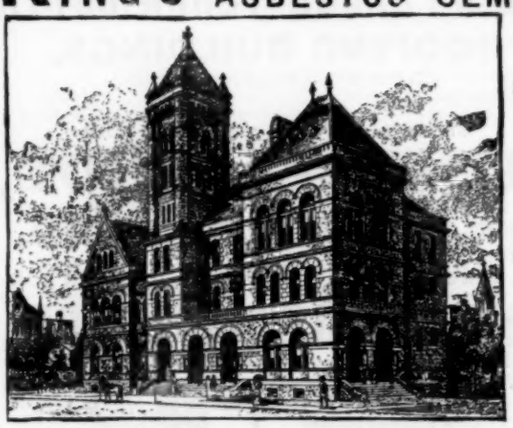

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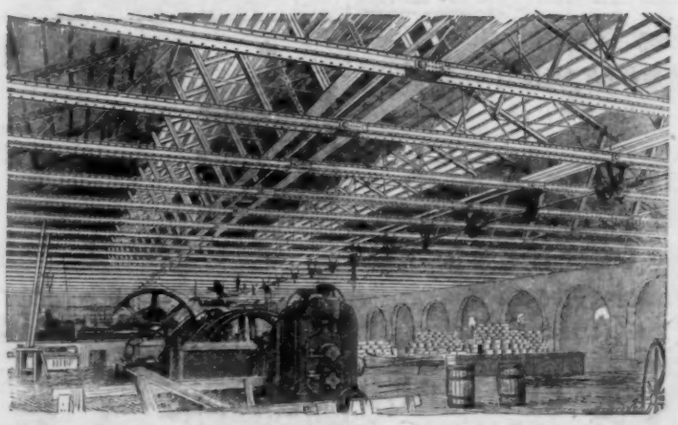

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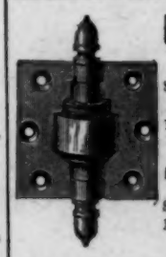

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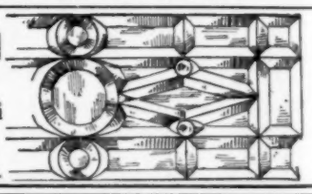

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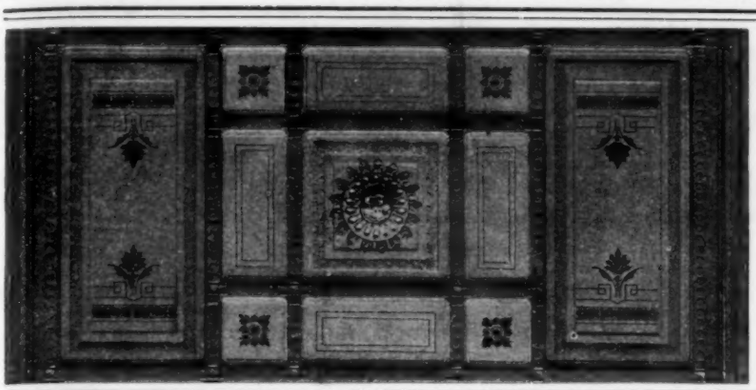

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" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 00 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	32 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	25 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	14 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00	"	22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 20 @ 2 25	2 25 @ 2 50	*Not sold.*	2 30 @ 3 0
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	{30" $35 @ 40 24" 8 @ 21
Cedar split ₱ M	@	@	*Not sold.*	{20" 35 @ 14
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.* [*Kiln-dried.*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 4500

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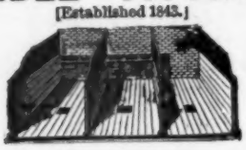

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BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*				In Yard.
Pale	2 00 @ 2 50	Eastern	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 5 25	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 00 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers @ 10 00
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	Medium "
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	@ 12 00
Fronts:		20 00 @ 22 00	@ 27 00	Red "
Croton, Brown	@ 13 00	Philadelphia		@ 13 00
" dark	@ 14 00	40 00 @ 45 00		Dark "
" red	@ 14 00	Phila. mould		@ 13 00
Chicago pressed (Anderson)		50 00 @ 80 00	15 00 @ 27 00	Pressed
" Moulded			65 00 @ 350 00	@ 55 00 18 00 @ 20 00
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	Best Paving
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	@ 14 00
Trenton	22 00 @ 23 00		45 00 @	Second "
Milwaukee			25 00 @	@ 13 00
Moulded:			60 00 @ 100 00	Third "
Glens Falls Red Pressed	@ 37 00		30 @	@ 12 00
" " Buff "	@ 30 00		35 @	
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	19 50 per ton	@ 1 00	₱ Perch @ 4 50

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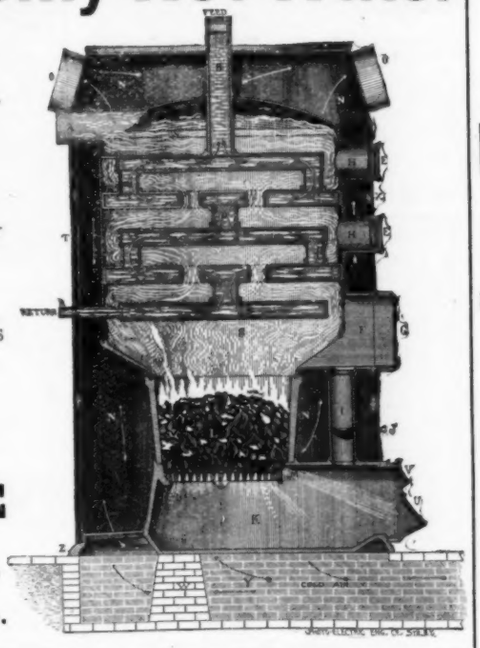

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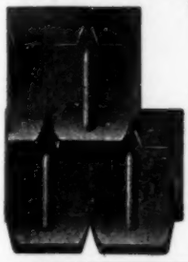

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Mortar Colors.				
Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 60 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	51 @ 52	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	54 @ 57	60 @ 63	@ 63
Turpentine (℔ gal.)	38 @ 39	42 @ 43	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4" x 4" ...(℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	@ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish ...(℔ pair)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood	@	@	@	
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7¼	@ 7	@ 6¼
Lead Pipe	@	@ 7	@ 6¼	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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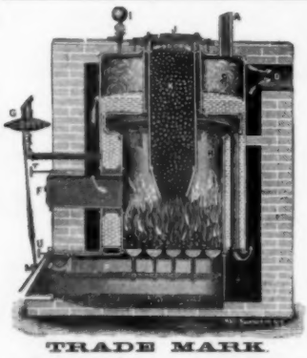

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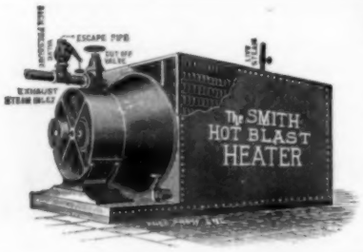

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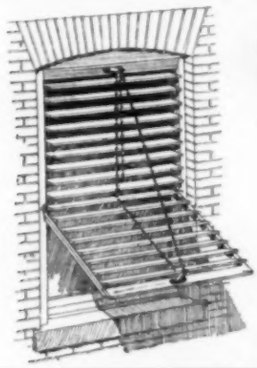

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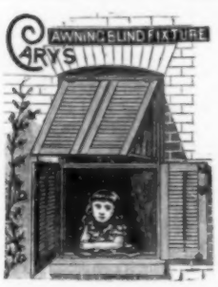

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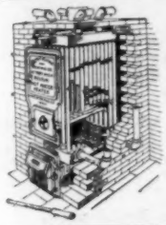

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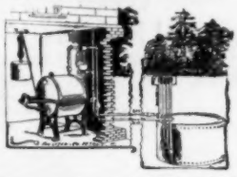

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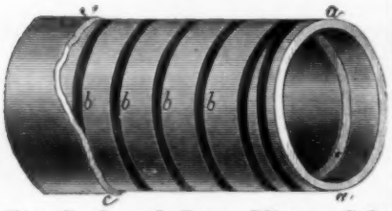

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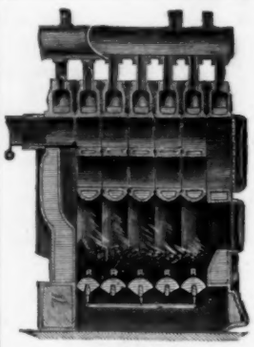

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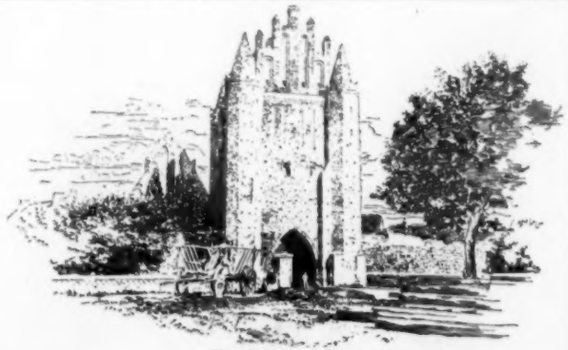

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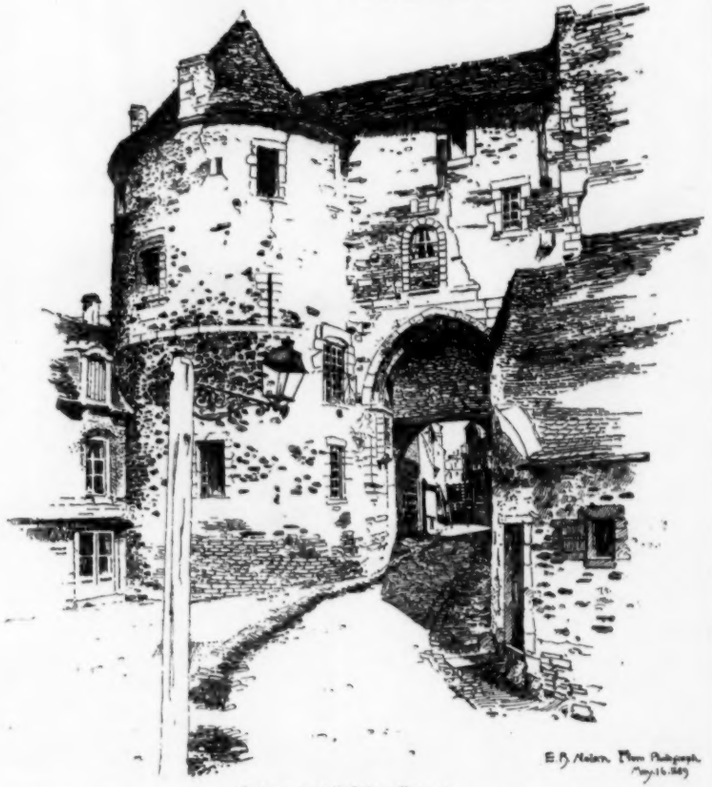

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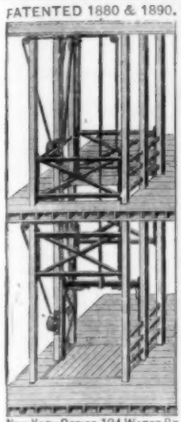

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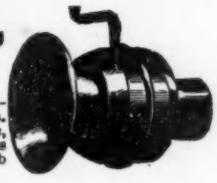

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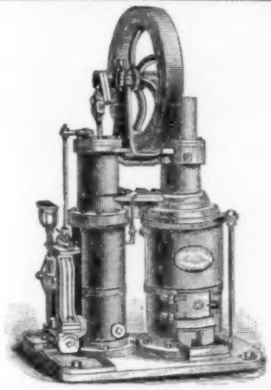

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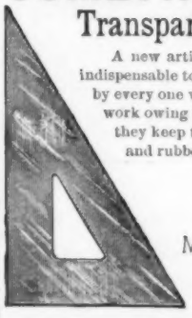

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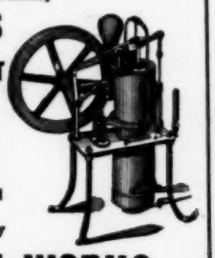

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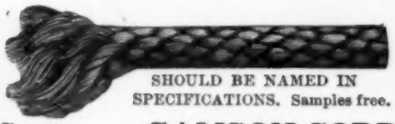

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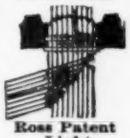

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452,585. Annunciator-Drop. — Howard C. Shiver, Brooklyn, N. Y.
452,637. Hot-Water Heater. — Frederic J. Furman, Geneva, N. Y.
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452,723. Automatic Sash-Lock. — Lewis R. Schmalhausen, Charleston, Ill.
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452,738. Latch. — George H. Van Winkle, Hornellsville, N. Y.
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452,750. Sewer-Trap. — Alfred C. Drury, Canton, N. Y.
452,761. Paint, Varnish, Japan, etc. — Frederick Salathé, Jersey City, N. J.
452,776. Sash-Lock. — Wallace W. Doty, Pueblo, Colo.
452,777. Transom-Lock. — Andreas Eckert, Newark, N. J.
452,789. Key-Fastener. — Julius M. Farmer, Milwaukee, Wis.
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452,962. Double Flush-Tank for Water-Closets. — John C. Beekman, New York, N. Y.
452,963. Water-Closet Bowl. — John C. Beekman, New York, N. Y.
452,979. Door-Hanger. — Edward Y. Moore, Milwaukee, Wis.
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453,047. Refrigerator Car or Building. — Joseph F. Hanrahan, Detroit, Mich.
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453,082. Lock. — Virginia M. Hollyday, Baltimore, Md.
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From Hamburg. — Steamer "*Gothenburg City*," 12 bales cow-hair, Friedheim & Co. Steamer "*Augusta Victoria*," 12 cases animal hair, Lewisohn & Co. Steamer "*Rhætia*," 1,120 casks cement, E. Thiele; 560 do., Gabriel & Schall. Bark "*J. W. Holmes*," 3,932 barrels cement, order. Steamer "*Bohemia*,"

(*Continued on page* xix.)

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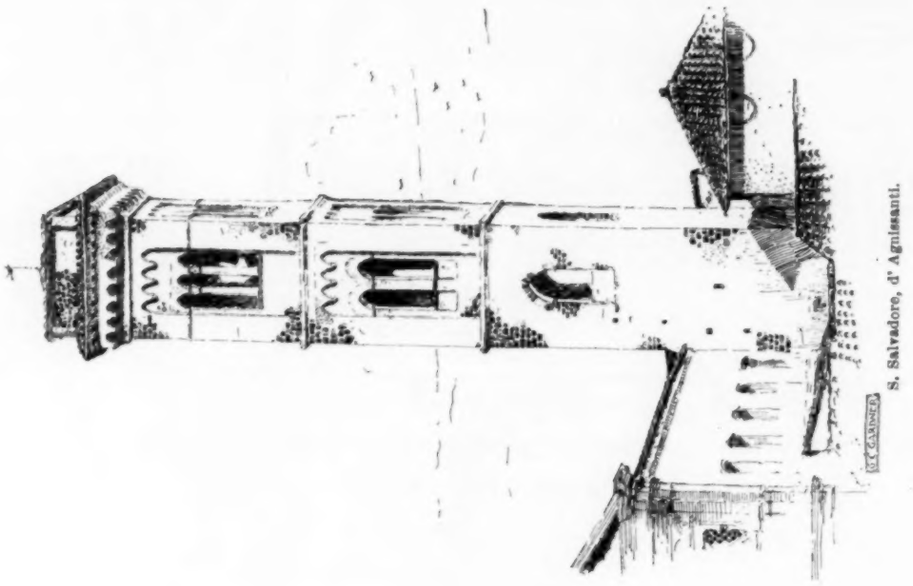

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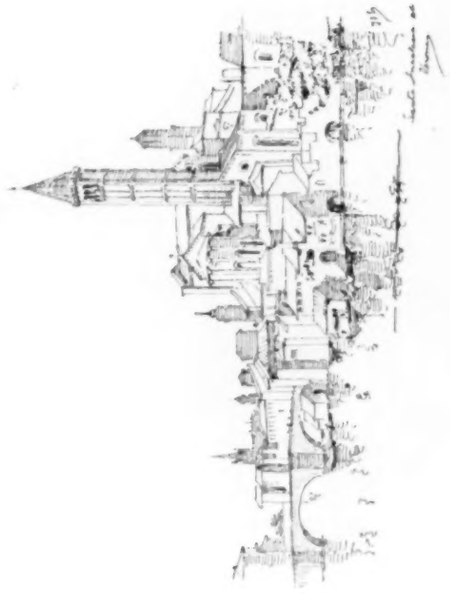

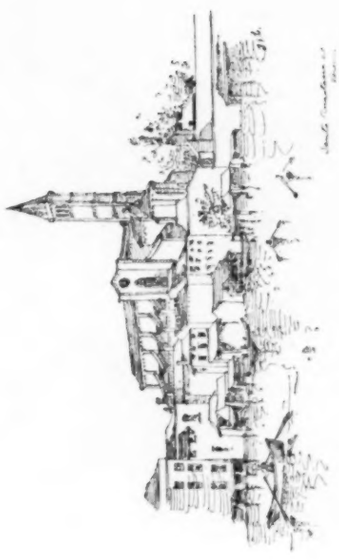

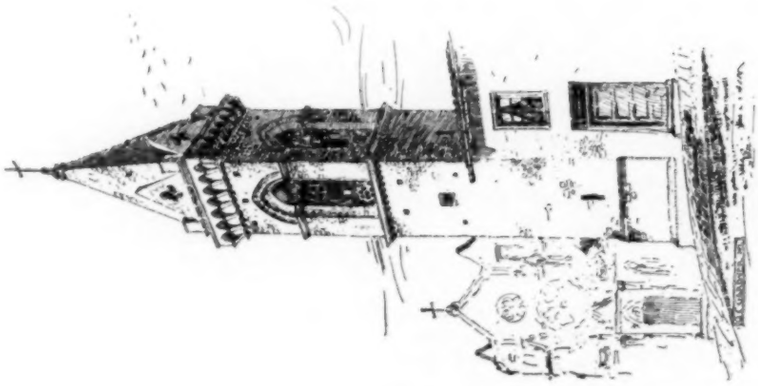

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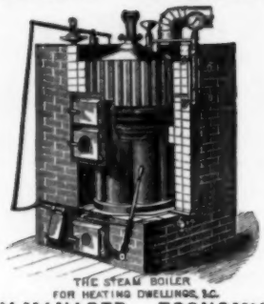

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Bailey St., No. 18, Ward 24, frame dwell., 20′ x 30′; owner and builder, James R. Bell.

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Walnut Ave., cor. Seaver St., Ward 21, frame dwell., 31.1′ x 39.10′; owner and builder, A. D. Gould.

Gaston St., near Warren St., Ward 21, frame dwell., 27′ x 36′; owner, Peter Graffam; builder, W. J. Griffis.

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Mt. Hope St., near Hyde Park Ave., Ward 23, three-st'y frame dwell. and store, flat roof, 27′ x 47′; owner, Sarah Bryant; builder, H. J. Bryant.

East Third St., Nos. 596-598, Ward 14, frame dwell., 21′ x 39′; owner and builder, W. T. Eaton.

West Fourth St., Nos. 228-230, Ward 13, two frame dwells., each 20′ x 32′; owner; Barney Bradley; builders, Berry & Watson.

Holborn St., No. 21, cor. unnamed st., Ward 21, frame dwell., 26′ x 34′; owner and builder, Peter Graffam.

Whitman St., cor. Norfolk St., Ward 24, two-st'y frame dwell., hip roof, 32′ x 38′; owners, R. H. Chamberlain and A. W. Paine.

Dorchester Ave., cor. Van Winkle St., Ward 24, frame dwell., 26′ x 28′; owner and builder, Isaac Schurman.

Melbourne St., near Centre St., Ward 24, frame dwell., 22′ x 40′; owner and builder, A. R. Richardson.

Idaho St., near River St., Ward 24, frame dwell., 22′ x 48′; owner, A. M. Crowell; builders, Chute Bros.

Crosby Square, near Hall St., Ward 23, frame dwell., 20′ x 35.10′; owner and builder, P. Crosby.

Ballou Ave., near Lauriat Ave., Ward 24, frame dwell., 24′ x 24′; owner, Mrs. E. A. Rawson; builder, W. R. Brown.

Grove St., near German St., Ward 23, frame dwell., 22′ x 42′; owner, Ferdinand Kern; builder, Joseph Kern.

Rutledge St., cor. Wren St., Ward 23, three-st'y frame dwell., pitch roof, 30′ x 54′; owner, J. W. Rollins, Jr.; builder, C. McKay.

Enfield St., No. 11, Ward 23, frame dwell., 20.6′ x 41′; owner, F. Gemseimer; builder, E. W. Seldon.

Unnamed st., off Willow St., Ward 23, frame dwell., 33′ x 34′; owner, Mrs. Eva Greim; builder, W. S. Mitchell.

Brookline, Mass.—*Road 8*, off Tappan St., three-st'y brick and stone block of eight houses, 54′ x 200′; owner, E. R. Knapp; builders, Morton & Chesley; architects, Fehmer & Page, Boston.

Brooklyn, N. Y.—*Prospect St.*, s s, 150′ e Fourth Ave., 2 three-st'y brick dwells., tin roofs; cost, $5,000; owner, M. A. McCormick, 138 Sixteenth St.; architect, Thomas McCormick, 138 Sixteenth St.

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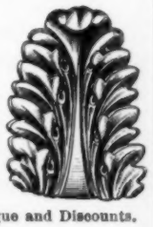

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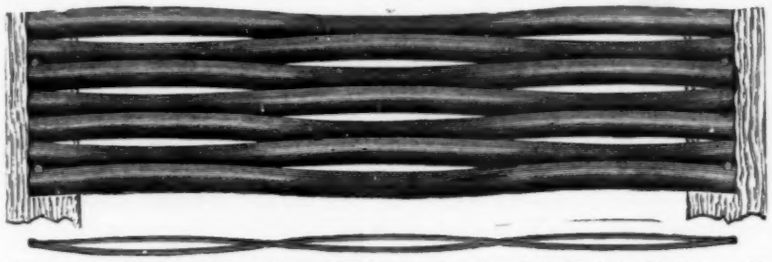

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Ashford St., s e cor. Ridgewood Ave., 3 two-st'y frame dwells., shingle roofs; cost, $4,000 each; owner, Theo. M. Le Beau, 68 Van Siclen Ave.; architect, Charles Infanger, 68 Van Siclen Ave.

Fifty-seventh St., n s, 320′ e Third Ave., 4 two-st'y brick dwells., tin roofs; cost, $2,500 each; owner, G. H. Parshall, Fifty-third St. and Third Ave.; architect, Thomas Bennett, Forty-ninth St. and Third Ave.

Sutter Ave., s s, 20′ e Snediker Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owners, architects and builders, J. P. & W. M. Free, 93 Essex St.

Sutter Ave., s s, 40′ e Snediker Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owners, architects and builders, J. P. & W. M. Free, 93 Essex St.

McDougal St., n s, 325′ e Hopkinson Ave., 3 three-st'y frame dwells., tin roofs; cost, $3,500 each; owner, O. Whitneck, Ghauncey and Rockaway Aves.; architect, H. Vollweiler, 486 Hart St.

Garfield Pl., s s, 172′ 10″ w Eighth Ave., 5 three-st'y brick dwells., tin roofs; cost, $6,000 each; owners, L. Anderson & Bro., 448 Dean St.; architect, H. Weston, 361 Broadway, New York City.

De Kalb Ave., s s, bet. Hamburg and Knickerbocker Aves., three-st'y frame dwell., tin roof; cost, $4,000; owner, George Ochs, 785 Bushwick Ave.

Huron St., Nos. 118-120, s s, 2 four-st'y frame dwells., tin roofs; total cost, $10,000; owner, Th. Hildebrandt, 124 Huron St.; architect, Henry Vollweiler, 486 Hart St.

New Jersey Ave., e s, 225′ n Atlantic Ave., 3 two-st'y frame dwells., tin roofs; cost, $4,000; owner, Miss E. Pitkin, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Woodbine St., n s, 25′ w Knickerbocker Ave., 10 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner and architect, A. Berckmeier, 101 Ralph St.

Washington Ave., e s, 120′ 3″ s Fulton St., 2 five-st'y brick dwells., gravel roofs; cost, $8,000 each; owner, G. R. Brown, 26 Court St.; architect, G. W. Brown, 26 Court St.

Putnam Ave., n s, 100′ w Howard Ave., 2 four-st'y brick dwells., tin roofs; cost, $6,000; owners, J. W. Lamb & Son, 1068 Putnam Ave.; architect, A. J. Lamb, 1068 Putnam Ave.

Weirfield St., n s, 101′ w Central Ave., 12 two-st'y frame dwells., tin roofs; cost, $3,000 each; owners, architects and builders, L. J. Lippmann & Co., 142 Eldert St.

Essex St., w s, 350′ s Ridgewood Ave., two-st'y frame dwell., tin roof; cost, $3,200; owner, F. H. Koenig, Warwick St.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Woodbine St., s s, 75′ e Central Ave., three-st'y frame dwell., gravel and cement roof; cost, $4,000; owner, architect and builder, E. B. Sturges, 135 De-Kalb Ave.

Putnam St., s s, 195′ e Bushwick Ave., two-st'y frame dwell., tin roof; cost, $5,000; owner, George Gutting, 1331 Greene Ave.; architect, F. J. Lessing, 91 Ralph Ave.

New Jersey Ave., w s, 200′ n Fulton St., 2 three-st'y frame dwells., tin roofs; cost, $4,700 each; owner, John Metzner, Atlantic Ave., near Bedford St.; architect, Chas. Infanger, 58 Van Siclen Ave.

Cook St., No. 19, bet. Ewen St. and Graham Ave., four-st'y frame dwell., tin roof; cost, $6,500; owner, Leof. Michel, Graham Ave. and Meserole St.; architects, D. Acker & Son, 752 Broadway.

Moore St., No. 17, bet. Ewen and Leonard Sts., four st'y frame dwell., tin roof; cost, $6,500; owner, Leof. Michel, Graham Ave. and Meserole St.; architects, D. Acker & Son, 752 Broadway.

Varet St., No. 78, bet. Graham Ave. and Humboldt St., four-st'y frame dwell., tin roof; cost, $6,500; owner, Leof. Michel, Graham Ave. and Meserole St.; architects, D. Acker & Son, 752 Broadway.

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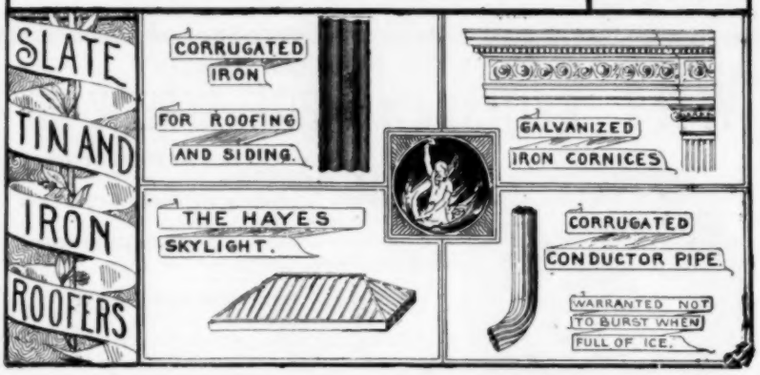

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Nostrand Ave., n e cor. Dean St., 5 three-st'y brick dwells., tin roofs; cost, $12,500 each; owner, Andrew Miller, 133 Herkimer St.; architect, H. Olmsted, 1424 Atlantic Ave.

Suydam St., s s, 200′ e Hamburgh Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, John Clement, 211 Suydam St.; architects, D. Acker & Son, 752 Broadway.

Hamburgh Ave., w s, 28′ s Madison St., 4 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, E. F. Wildmer, 1198 Madison St.; architect, Th. Engelhardt, 905 Broadway.

Belmont Ave., n s, 60′ e Atkins Ave., 2 two-st'y frame dwells., tin roofs; cost, $4,400; owner, Donald Laing, Atkins and Belmont Aves.

Morrel St., w s, 75′ n Moore St., three-st'y frame dwell., tin roof; cost, $5,000; owner, August Fagot, 75 Morrel St.; architect, Th. Engelhardt, 905 Broadway.

Market St., w s, 1025′ n Record Pl., two-st'y frame dwell., tin roof; cost, $4,200; owner, Rosanna McVine, 2999 Atlantic Ave.; architect, John Burns, 27 Sheffield Ave.

Cornelia St., n s, 260′ e Broadway, 2 three-st'y frame dwells., tin roofs; cost, $3,500 each; owner, August Todebush, 330 Bleecker St.; architect, Benj. Finkensieper, 93 Broadway.

McDonough St., w s, 250′ e Lewis Ave., 2 two-and-one-half and three st'y brick dwells., tin roofs; cost, $11,000; owner, E. Willard Jones, 681 Greene Ave.; architect, Edwin S. Coy, 681 Greene Ave.

Camden, N. J.—*Chelten Ave. and Miller St.*, two-st'y frame dwell.; owner, Charles Johnson.

Liberty St., s s, near Mt. Ephraim Pike, two-st'y dwell., owner, Isedor Green.

New York, N. Y.—*Seventy-sixth St.*, s s, 275′ e Ninth Ave., 6 four-st'y brick dwells., tin roof; cost, $30,000; owner, Wilson & Tiehburn, 1153 Park Ave.; architect, G. A. Schellinger, 128 Broadway.

Ninety-seventh St., n s, 80′ w West End Ave., 2 three-st'y brick dwells., tin and slate roofs; cost, $20,000; owner, Edward Kilpatrick, 1060 Madison Ave.; architects, Baring, Tilton & Mellen, 1-3 Union Square.

One Hundred and Thirty-sixth St., s s, 150′ e Willis Ave., 10 three-st'y brick dwells., tin roofs; cost, $50,000; owner, E. D. Bertine, 675 West Forty-first St.; architect, George Keister, 63 West Thirty-third St.

One Hundred and Sixtieth St., s s, 183′ 4½″ e St. Nicholas Ave., 2 three-st'y brick dwells., tin roofs; cost, $27,000; owner, Anna T. Dale, 641 Walton Ave.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Eighty-seventh St., n s, 100′ w West End Ave., 7 three-st'y brick dwells., tin roofs; cost, $100,000; owners, John & David Dunn, 323 West Eighty-fifth St.; architect, F. A. Minuth, 822 Broadway.

One Hundred and Forty-seventh St., s s, 175′ w St. Nicholas Ave., 5 three-st'y brick dwells., tin roofs; cost, $60,000; owners, Dwyer & Haigh, 340 West One Hundred and Forty-seventh St.; architect, Paul F. Higgs, 835 Broadway.

One Hundred and Twenty-first St., s w cor. Mount Morris Ave., 5 four-st'y brick dwells., tinned roofs; cost, $116,000; owners, J. & E. P. Beaudet, 538 West One Hundred and Twenty-sixth St.; architect, Edw. L. Angell, 94 Liberty St.

Ninety-fourth St., s s, 100′ e Amsterdam Ave., 13 three-st'y brick dwells., tin roofs; cost, $195,000; owner, W. P. Anderson, 166 West Ninety third St.; architects, W. E. & L. M. Mowbray, 18 West Twenty-third St.

Sixty-ninth St., n s, 100′ w Columbus Ave., 6 four-st'y brick dwells., tin roofs; cost, $120,000; owner, William W. Hall, 687 Madison Ave.; architects, Thom & Wilson, 1267 Broadway.

Seventy-eighth St., s s, 100′ w Amsterdam Ave., 4 three-st'y brick dwells., mansard tin and slate roofs; cost, $80,000; owner and builder, Arthur Boehmer, 81½ Mount Hope Pl.

Seventy-sixth St., n s, 129′ w West End Ave., four-st'y brick dwell., tin roof; cost, $26,250; owner, Elizabeth S. Miller, The Lincoln, Fifty-second St. and Broadway; architect, Chas. H. Gilbert, 18 Broadway.

Ninety-third St., n s, 230′ e Fifth Ave., 4 four-st'y brick dwells., tin roofs; cost, $80,000; owner, Philip Brander, 120-122 East Eighty-sixth St.; architect, William Graul, 215 Bowery.

Seventy-sixth St., n s, 107′ w West End Ave., four-st'y brick dwell., tin roof; cost, $22,000; owner, Emily McGuckin, 283 West St.; architect, Charles P. H. Gilbert, 18 Bowery.

Sixty-ninth St., n s, 100′ w Columbus Ave., 6 four-st'y brick dwells., tin roofs; cost, $120,000; owner, William W. Hall, 687 Madison Ave.; architects, Thom & Wilson, 1267 Broadway.

Seventy-sixth St., s s, 175′ w West End Ave., three-st'y brick dwell., tin roof; cost, $45,000; owners, Jacob & Skinner, 110 East Twenty-third St. and 127 West Seventy-second St.; architect, Charles T. Mott, 171 Broadway.

Sixty-ninth St., n s, 275′ w Columbus Ave., 4 four-st'y brick dwells., tin roofs; cost, $25,000; owner, Edward Tipping, 100 West Fifty-second St.; architects, Thom & Wilson, 1267 Broadway.

Seventy-sixth St., n s, 273′ w West End Ave., 5 four-st'y brick dwells., tin roofs; cost, $150,000; owners, Jacobs & Skinner, 110 East Twenty-third St. and 127 West Seventy-second St.; architect, Chas. T. Mott, 171 Broadway.

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Grove St., e s, s Wharton St., 4 two-st'y dwells.; owner, Jos. Saylor.

Gilbert St., s s, e Tenth St., 2 three-st'y dwells.; contractor, C. P. Talley.

Harmony St., w s, n Wharton St., 12 two-st'y dwells.; owner, Wm. Marshall.

Hillside and Ashland Aves., 4 three-st'y dwells.; contractor, J. H. Boone.

Ella and Emerald Sts., two-st'y dwell.; contractor, H. G. Schultz.

Nineteenth St., s w cor. McClellan St., 3 two-st'y dwells.; owner, Wm. Seeburger.

Wildey St., n w cor. Collar St., two-st'y dwell.; contractors, A. Hetzell & Son.

Arizona St., n s, w Thirty-first St., 20 two-st'y dwells.; *Thirty-first St.*, w s, n Arizona St., 7 two-st'y dwells.; contractor, Wm. F. Allbright.

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School St., s s, e Morris St., three-st'y dwell.; owner, T. U. Wright.
Stirner St., n s, e Jasper St., 7 two-st'y dwells.; contractor, J. J. Torpey.
Vine St., n s, e Fifty-fourth St., three-st'y dwell.; owner, W. A. Patterson.
Brown St., s s, w Twenty-fifth St., 6 three-st'y dwells.; builder, J. H. Lyons.
Cayuga St., w Germantown Ave., two-st'y dwell.; builders, Osborne Bros.
North Second St., No. 631, rear, two-st'y dwell.; contractors, Hudson & Dillin.
Chestnut Ave., n Crefeld St., three-st'y dwell.; contractor, W. C. Mackie.
Germantown Ave., s Hartwell St., three-st'y dwell.; owner, W. H. Wilson.
Torresdale Ave., w s, n Frankford Ave., 12 two-st'y dwells.; contractor, E. S. Braddock.
Warren St., s s, w Thirty-seventh St., 3 two-st'y dwells.; contractor, G. W. Steinmetz.
Hagerman St., s w cor. Friendship St., 2 two-st'y dwells. and stores; contractor, Robert Craig.
Dauphin St., n s, w Twenty-first St., 6 two-st'y dwells.; contractor, Robert Buchanan.
Van Pelt St., w s, n Dauphin St., 60 two-st'y dwells.; contractor, Robert Buchanan.
Highland Ave., e Twenty-eighth St., 2 three-st'y dwells.; contractor, George S. Roth.
McKean Ave. and Sixteenth St., two-st'y dwell.; owner, William Smith.
Cumberland St., s s, bet. Front St. and Kensington Ave., three-st'y dwell.; contractor, M. Morrison.
South Sixth St., No. 769, rear, three-st'y dwell.; owner, Joe Freedman.
Tree St., n s, w Eleventh St., 12 two-st'y dwells.; contractors, Montgomery & Baxter.
Twenty-second St., s e cor. Granville St., 4 two-st'y dwells.; contractors, Thomas Little & Sons.
Fifteenth St., e s, n Dauphin St., 2 three-st'y dwells.; contractors, Fuss & Frantz.
Johnson St., e Green St., two-st'y dwell.; contractor, W. J. Gruhler.
Columbia Ave., n s, e Thirty-second St., 13 three-st'y dwells.; builders, Hunter & Nock.
Filbert St., No. 3314, two-st'y dwell.; contractor, S. O. Darrah.
Lehigh Ave., n s, w Twenty-sixth St., 20 three-st'y dwells.; contractor, J. B. Carey.
Rumford St. and Chestnut Hill R. R., three-st'y dwell.; contractors, James Kinnear's Sons.
Walnut Lane, n w cor. Chew St., 4 two-st'y dwells.; contractor, W. S. McNabb.
Birch St., n s, e Frankford Ave., 19 two-st'y dwells.; owner, C. C. Moore.
Jasper St., w s, s Hart Lane, two-st'y dwell.; owner, C. Kiely.
Moyamensing Ave., e s, s Greenwich St., three-st'y dwell.; owner, J. E. Hevener.
Palethorp St., e s, s Cambria St., 22 two-st'y dwells.; owner, T. W. Smaltz.
Sixth St., e s, s Cambria St., three-st'y dwell.; owner, W. D. Huston.
Titan St., s s, w Twenty-seventh St., 11 two-st'y dwells.; owner, W. H. Young.
Janney St., s Venango St., two-st'y dwell.; contractor, David Trumbauer.
Almond St., w s, s Allegheny Ave., 9 two-st'y dwells.; owner, J. C. Moore.
Broad St., e s, s Susquehanna Ave., four-st'y dwell.; architect, E. F. Durang.
Conestoga St., e s, s Thompson St., 2 two-st'y dwells.; owner, James Block.
Fourth St., e s, above Berks St., three-st'y dwell.; contractor, Charles Flood.
Fifth St., s w cor. Buttonwood St., one-st'y dwell.; contractors, C. F. Wells & Son.
Queen St., n s, e Lawrence St., two-st'y dwell.; owner, J. P. Neil.
Schiller St., s s, e Tenth St., two-st'y dwell.; owner, F. J. Schulle.
Tioga St., s s, w Turner St., 2 two-st'y dwells.; contractor, J. B. Vanderslice.

Worcester, Mass. — *Carl St.*, two-st'y frame dwell.; owner, Peter Erickson; contractor, L. M. Peterson.
Woodside St., three-st'y frame dwell.; owner, A. Kilman; contractor, L. M. Peterson.
Buffum St., three-st'y frame dwell.; owner and contractor, F. E. Larkman.
Kilby St., three-st'y frame dwell.; owner, P. J. Connor; contractor, Charles H. Hubbard; architect, W. H. Harvey.
Plantation St., two-st'y frame dwell.; owner, B. F. Harrington; contractor, W. R. Thompson; architects, Patstone & Lincoln.
Harrison St., three-st'y frame dwell.; owner and contractor, G. Fournier.
Millbury Ave., one-st'y frame dwell.; owner, Munroe Blanchard; contractor, J. Blanchard.

OFFICE-BUILDINGS.

New York, N. Y. — *Broad St.*, n w cor. Beaver St., office-building; architects, Youngs & Cable.
Pine St., No. 40-44, nine-st'y brick office-building, metal roof; cost, $100,000; owner, Estate Lydia M. Hoyt, 20 North Washington Square; architect, John B. Snook & Son, 12 Chamber St.

PUBLIC-BUILDINGS.

New York, N. Y. — *West Forty-third St., No. 321*, four-st'y brick lyceum building, tin roof; cost, $16,500; owner, Holy Cross Lyceum, 1267 Broadway; architects, Thom & Wilson, 1267 Broadway.
Forty-second St., No. 113, five-st'y bath building, mansard, tin and tile roof; cost, $80,000; owner, Schwarzwalder & Fuick, 113 West Forty-second St.; architect, Thomas H. Poole, 246 Fifth Ave.

SCHOOL-HOUSES.

Athol, Mass. — Brick and stone high school-house, 65′ x 80′, six rooms; contract to be let; architects, Loring & Phipps, Boston.

Whitman, Mass.—Frame primary and intermediate school-house, four rooms; contract to be let; architect, S. S. Woodcock, Boston; also repairs to two dwells. for same owner; architect same.

STABLES.

Brooklyn, N. Y.—*Seigel St.*, s s, 150′ w Leonard St., two-st'y frame stable, tin roof; cost, $3,500; owner, James Keese, 103 Gold St., New York; architect, Fred Ebeling, 3 First Ave., New York.

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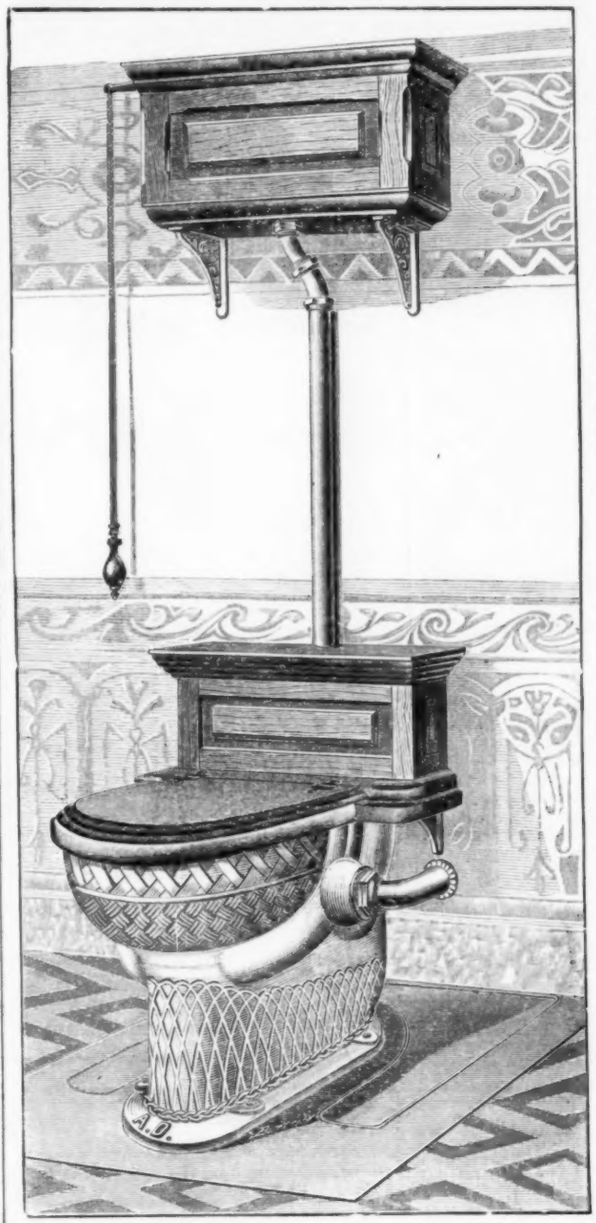

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New York, N. Y. — *East Seventy-eighth St., No. 441*, three-st'y brick stable, tin roof; cost, $10,000; owner, Patrick J. McLaughlin, 15 West One Hundred and Twenty-third St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.
East One Hundred and Twenty-third St., No. 166, four-st'y brick stable, tin roof; cost, $18,000; owner, Sigmund H. Bleier, 2266 Third Ave.; architect, Franklin Baylies, 51 and 52 Bible House.
East Thirty-seventh St., No. 233, four-st'y brick stable, tin roof; cost, $9,000; owner, Joseph Boylston, 701 Second Ave.; architect, Thomas Neagle, Bible House.
One Hundred and Fiftieth St., n s, 275′ e Amsterdam Ave., four-st'y brick stable, tin roof; cost, $20,000; owner, Frederick Esper, 987 Third Ave.; architect, Henry Fouchaux, Boulevard and West One Hundred and Sixty-second St.

Philadelphia, Pa. — *North Fourth St., No. 848*, two-st'y stable; owner, Edward Schmid.
Lincoln St., e Richmond St., stable and shed; contractor, Thomas Gannon.
Opal St., w Dickinson St., two-st'y stable; owners, Penn Globe Gas Light Co.
Race St., No. 1029, three-st'y stable and shop; contractor, Joseph Bird.

BUILDING INTELLIGENCE.

Sepviva St., Nos. 2220-22, two-st'y stable; contractor, D. C. Schuler.

Quincy, Mass. — Frame stable, 31′ x 41′; owner, W. B. Rice; contract to be let; architect, Willard M. Bacon, Boston.

Worcester, Mass. — *Florence St.*, one-st'y frame stable; owner, Miss Rebecca Jones, day work.
Plantation St., one-st'y frame stable; owner, B. F. Harrington; contractor, W. R. Thompson; architects, Patstone & Lincoln.
Lovell St., one-st'y frame carriage shed; owner, C. L. Hartsthorn; contractor, A. S. Gates.

STORES.

Brooklyn, N. Y. — *Eastern Parkway*, s s, 75′ e Osborne St., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000; owner, Abraham Lewin, 1202 Second Ave., and Jacob Muller, 1218 Third Ave., New York; architect, Paul Hehl, 240 Nassau Ave.
Norman Ave., s w cor. Jewell St., 3 three-st'y frame stores and dwells., cement and gravel roofs; cost, $4,500; owner, James Scott, 109 Newall St.; architect, Wm. H. Fenwick, 534 Leonard St.
Manhattan Ave., e s, 160′ n Huron St., four-st'y brick store and dwell., gravel roof; cost, $6,500; owner, John Grinnon, 460 Manhattan Ave.; architect, Fred Weber, 211 Manhattan Ave.
Thatford St., n w cor. Dumont Ave., three-st'y frame store and dwell., tin roof; cost, $5,200;

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Watkins St., w s, 25′ s Dumont Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,500 each; owners, H. Wilkenfield and H. Ritterman, Belmont Ave.

New York, N. Y. — *Bleecker St., Nos.* 98-100, eight-st'y brick, stone and iron fireproof store; owners, Leo Schlesinger and J. F. and J. F. Cullman; architects, Buchman & Deisler.

Fifty-ninth St., n e cor. Madison Ave., four-st'y store with hall and offices; cost, $80,000; owners, Leo Schlesinger & Joseph Hecht.

Greenwich Ave., No. 30, six-st'y brick store, tin roof; cost, $25,000; owner, Timothy Keiley, 7 West Thirteenth St.; architect, L. C. Holden, Lincoln Building, Union Square.

Courtlandt St., No. 67, six-st'y brick store, tin roof; cost, $27,000; owner, Archibald McJones, 85 Courtlandt St.; architect, Oswald Wirz, 153 Fourth Ave.

Lafayette Pl., No. 26, six-st'y brick store, tin roof; cost, $120,000; owner, Simon Goldenberg, 29 East Seventy-second St.; architect, Alfred Zucker, Lincoln Building, Union Square.

TENEMENT-HOUSES.

Boston, Mass. — *Walnut Pl., Nos.* 19-39, Ward 18, 11 four-st'y brick tenements, flat roofs, one 29′ x 54′, others each 20′ x 37′; owner, L. H. Browne; builders, Holmes Bros.

WAREHOUSES.

Philadelphia, Pa. — *McKean St.*, n w cor. Swanson St., two-st'y warehouse; contractor, Hugh Slevin.

MISCELLANEOUS.

Boston, Mass. — *Amory St., rear*, Ward 23, frame hall, 60′ x 115′; owners, German Workingmen's Association; builder, S. J. Chadwick.

Camden, N. J. — *Pearl St.*, s w cor. Fifth St., bay window; owner, Wm. B. Smith.

Chicago, Ill.—George Schweinfurth, two-st'y bakery, 2616-18 South Park Ave.; cost, $8,000.

Air Motor Co., foundry, 1226-34 Fillmore St.; cost, $3,500.

New York, N. Y. — *Fortieth St.*, n s, bet. Broadway and Sixth Ave., six-st'y fireproof building; cost, $200,000; owners, Mendelssohn Glee Club; architect, R. H. Robertson.

First Ave., w s, 75′ n Sixty-third St., one-st'y brick workshop, gravel roof; cost, $3,000; owner, Thomas Fitzgerald, 1026 Avenue A; architects, A. B. Ogden & Son, 1031 Madison Ave.

West Twenty-second St., Nos. 552-544, three-st'y brick workshop, gravel roof; cost, $16,000; owner, Fred S. Myers, 121 West Twenty-second St.; architect and mason, Jas. H. Slocum, 216 West Nineteenth St.

Philadelphia, Pa.—*Sixty-first St.*, n e cor. Saybrook Ave., one-st'y eating house; owners, J. G. Brill Co.

Seventeenth St., w s, s Clearfield St., two-st'y electric light plant; contractor, F. J. Amweg.

Frankford Ave., e s, w Trenton Railroad, one-st'y foundry; contractor, W. S. Roberts.

Washington Ave., w Twenty-fourth St., one-st'y shop; contractor, J. A. Fitzgerald.

Frankford Ave., n e cor. Adams St., three-st'y hall and market; contractors, Wm. Steele & Son.

Worcester, Mass. — *Southgate St.*, two-st'y frame storehouse; owner, F. E. Powers; contractor, D. M. Waterman.

(*Continued in Supplement.*)

PROPOSALS.

May 27, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of June, 1891, for supplying and delivering at freight-depot at place of designation, the post-office lock-boxes, lock-drawers, locks, pulls, plates, etc., for United States Public Buildings, in accordance with specification, as may be ordered during the fiscal year ending June 30, 1892. Copies of the specification and any additional information may be had on application at this office. Each bid must be accompanied by a certified check for $100. The Department reserves the right to reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Lock-boxes, Lock-drawers, Locks, Pulls, Plates, etc., for the United States Post-offices," and addressed to W. J. EDBROOKE, Supervising Architect. 808

May 25, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of June, 1891, for all the labor and materials, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Post-office, etc., building at Dayton, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Dayton, Ohio. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Post-office, etc., building at Dayton, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 808

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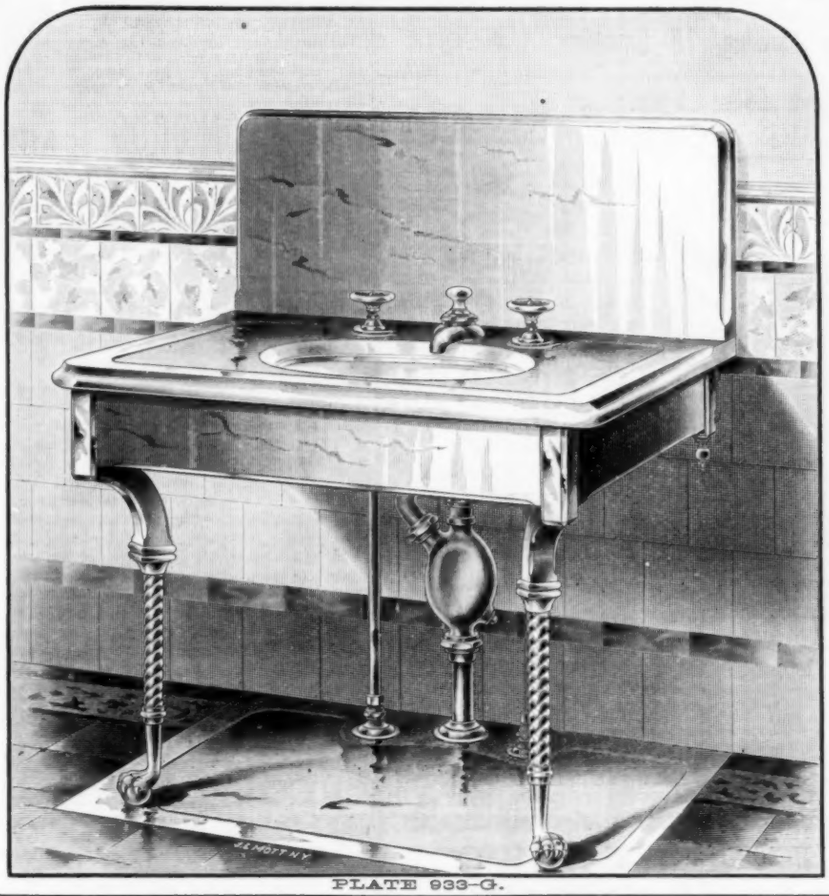

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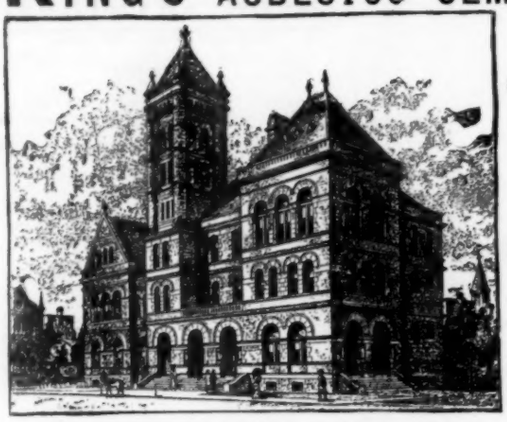

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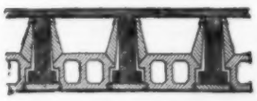

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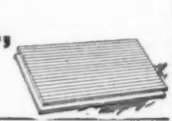

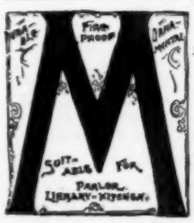

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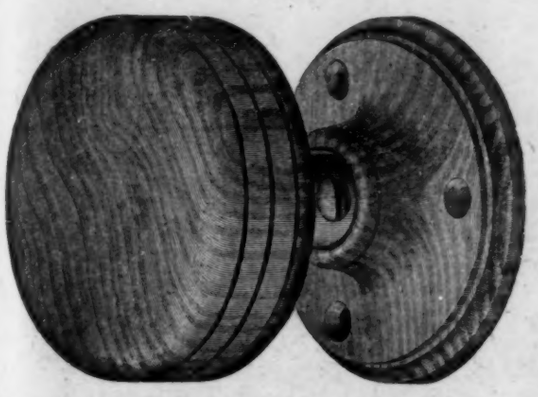

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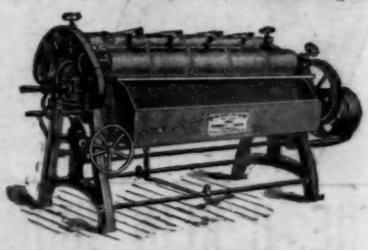

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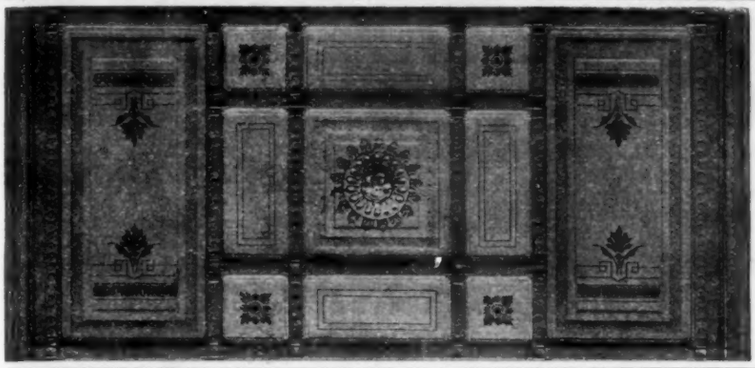

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Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
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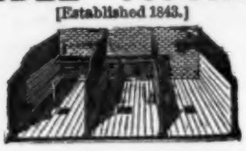

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	New York. (*Wholesale Prices.*)	Boston. (*Wholesale Prices.*)	Chicago. (*Prices to Builders and Contractors.*)	Philadelphia. (*Prices to Builders and Contractors.*)
BRICK.—₱ M.				In Yard.
Common: *Cargo afloat.*				
Pale	2 00 @ 2 50	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 5 25	$ 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 00 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	{ @ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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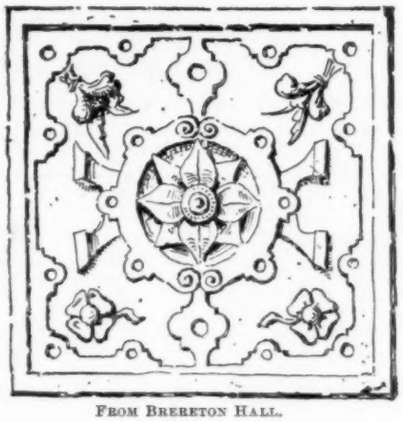

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ALTHOUGH the Architecture of the RENAISSANCE in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. The desire for domestic comfort led to the erection or the re-modelling of a vast number of houses; whilst the desire for display led great noblemen to vie one with the other in the extent and splendor of the palaces they erected. From one end of the land to the other rich men built, adorning their houses with an infinite variety of detail, dictated by local conditions of material or modes of workmanship, but all conforming to the new style which had found its way to every part of England; but in planting itself on English soil the new style assumed distinctly English characteristics, which it retained until it became submerged beneath the advancing tide of universal Classic. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Condover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

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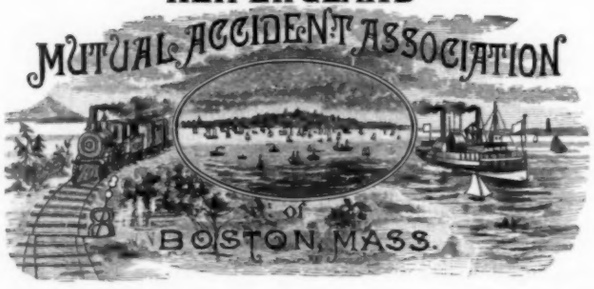

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" " Both Hands - - - - -	5000	3000	2000	1500	1250	1000	750		250
" " " Feet - - - - - -	5000	3000	2000	1500	1250	1000	750		250
" " " Eyes - - - - - -	5000	3000	2000	1500	1200	1000	750		125
" " One Hand - - - - - -	2500	1500	1000	750	625	500	375		125
" " " Foot - - - - - - -	2500	1500	1000	750	625	500	375		250
" " " Eye - - - - - - -	650	300	200	175	150	125	75		65
Permanent Total Disability	2500	1500	1000	750	625	500	375		125
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Colorific ℔ lb.	@ 2½	@	@	@
Red ℔ lb.	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: ℔ *sq. ft.*				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. *(In Oil* ℔ *lb.)*				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	51 @ 52	57 @ 60	@ 60
" " boiled	58 @ 65	54 @ 55	60 @ 63	@ 63
Turpentine	38 @ 39	42 @ 43	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty ℔ lbs.	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting ℔ lbs.	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.) ℔ lbs.	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am ℔ lbs.	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4″ x 4″ ...(℔ doz. pairs.)				
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish ...(℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
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Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
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Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7¾	@ 7	@ 6¾
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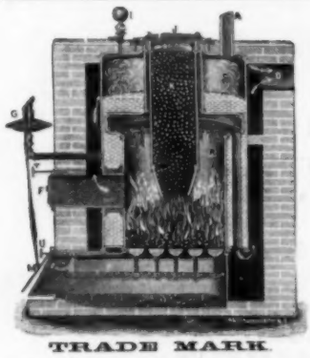

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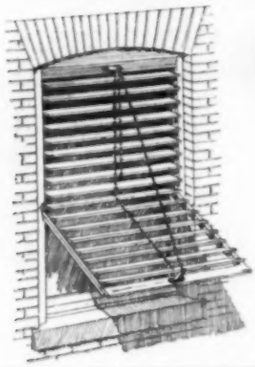

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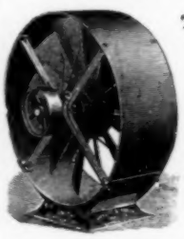

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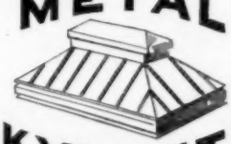

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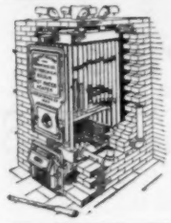

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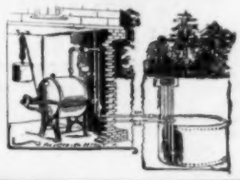

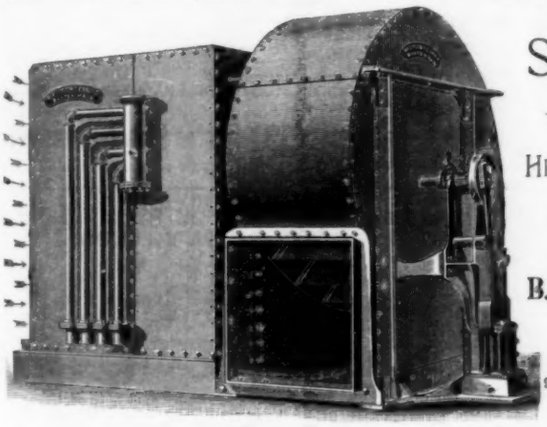

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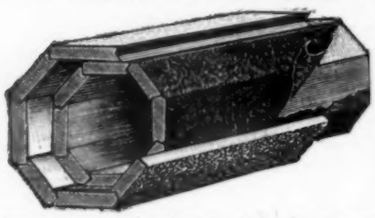

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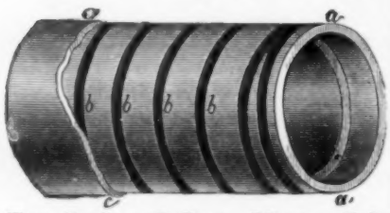

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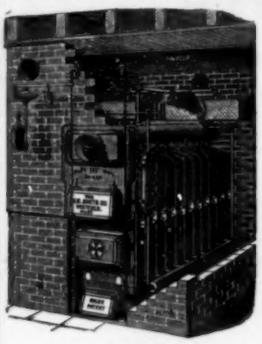

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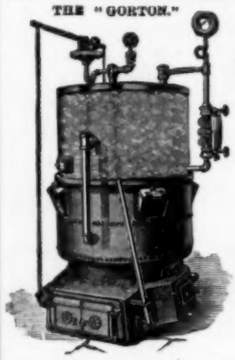

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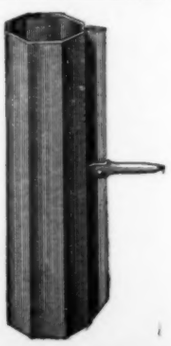

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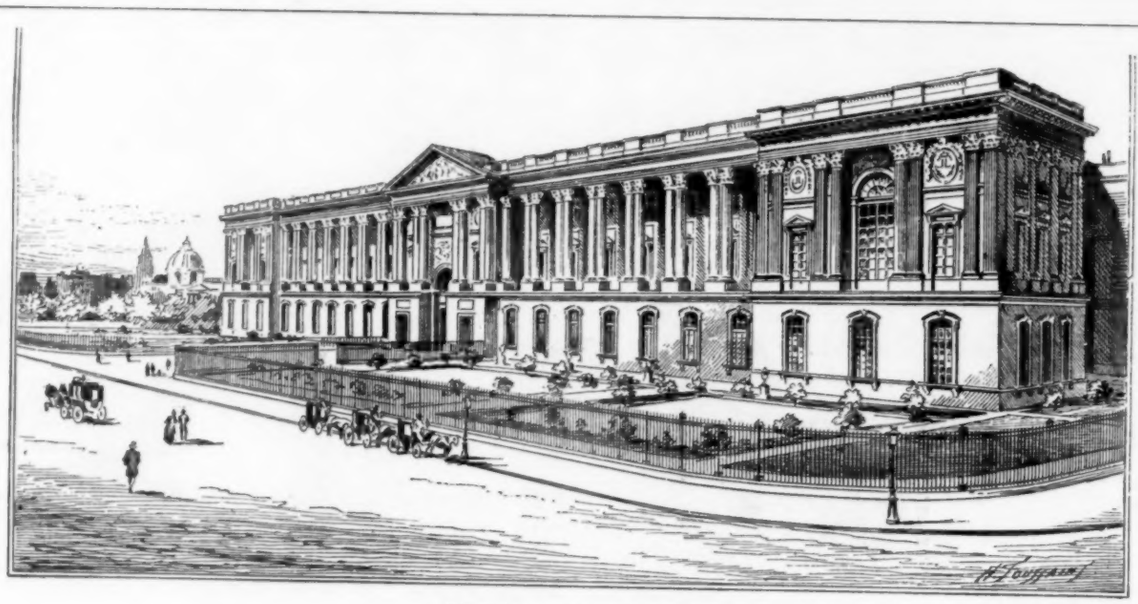
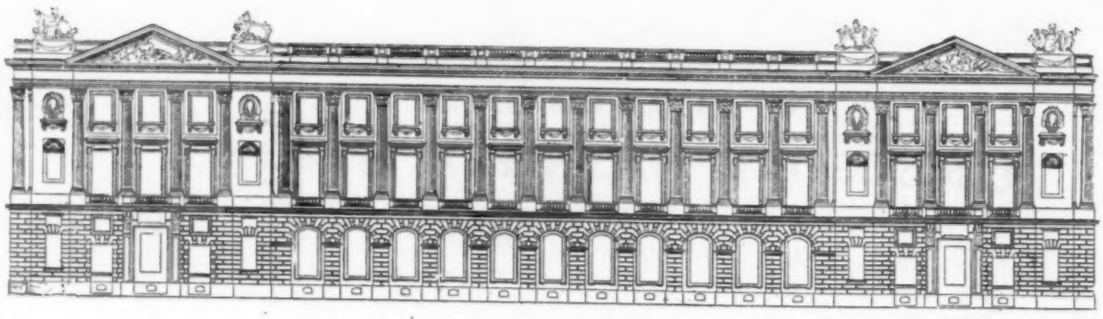


Colonnade of the Louvre, Paris.



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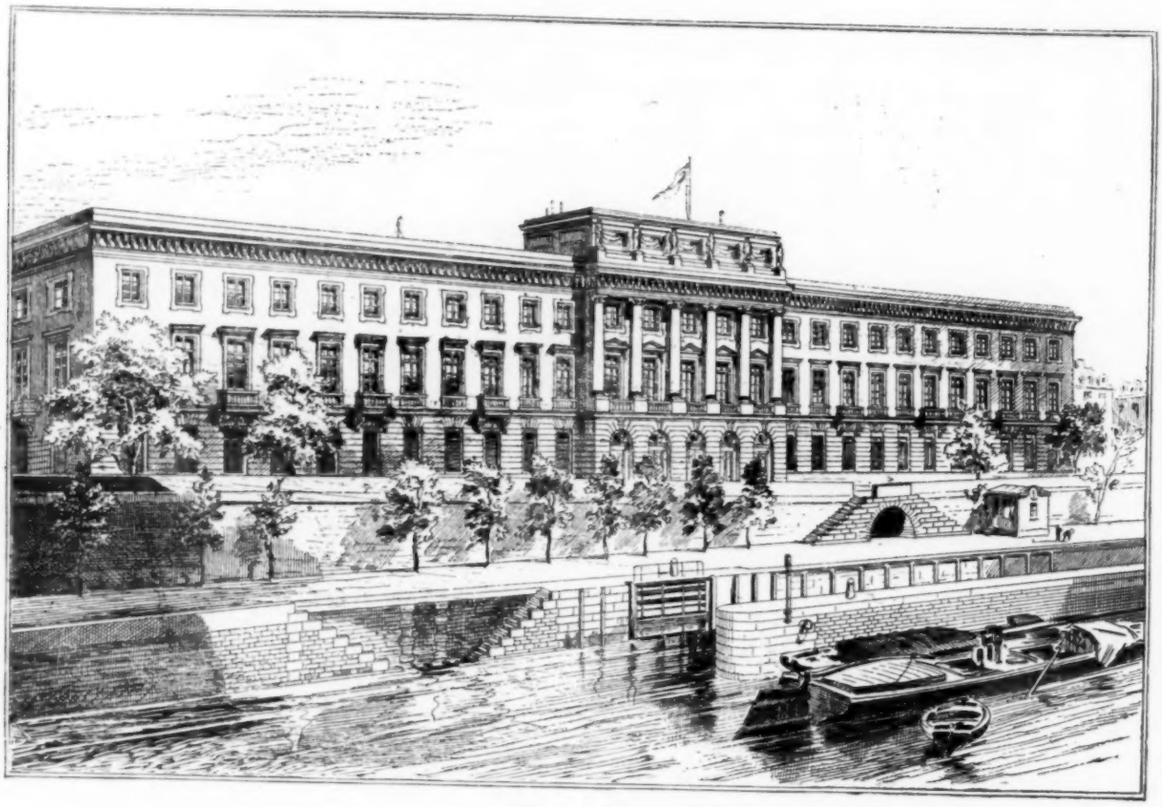

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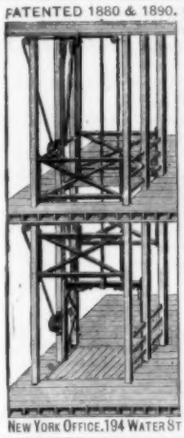

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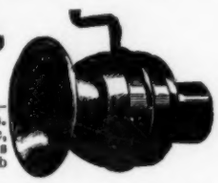

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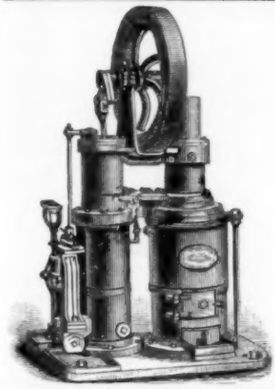

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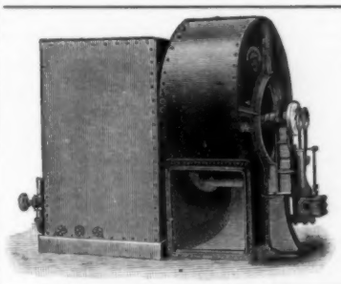

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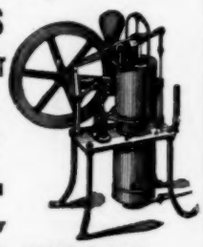

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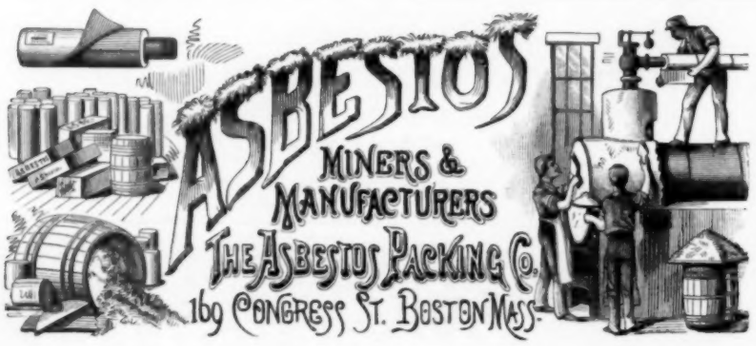

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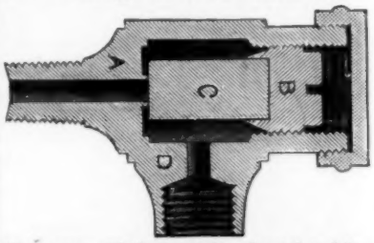

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From Bremen. — Steamer "*Clintonia*," 1,400 casks Portland cement, Baetjer & Meyerstein; 3,252 do., order. Bark "*Amaranth*," 1,300 casks cement, Baetjer & Meyerstein; 27 casks brownstone, order.

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From Laguna. — Bark "*Elvina*," 638 logs cedar, Wm. Wicke & Co.

From Liverpool. — Steamer "*Servia*," 7 boxes cement, J. Terkuyle. Steamer "*Wisconsin*," 5 cases granite, Henderson Bros.

From London. — Steamer "*Richmond Hill*," 250 casks cement, Atlas Steamship Co.; 600 do., Chas. Stevens; 1,050 do., E. Thiele; 1,250 do., order.

From Marseilles. — Steamer "*Cachemire*," 19 casks stone plaster, order.

From Rotterdam. — Steamer "*Obdam*," 1,000 casks cement, E. Thiele; 3,500 do., order; 750 casks cement, E. Thiele; 3,500 do., order; 750 casks cement, order. Steamer "*Maasdam*," 1,000 casks cement, E. Thiele; 25 cases cattle-hair, Adolph Wimpfheimer & Co.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Barrington, R. I. — Additions and alterations to

(*Continued on page* xix.)

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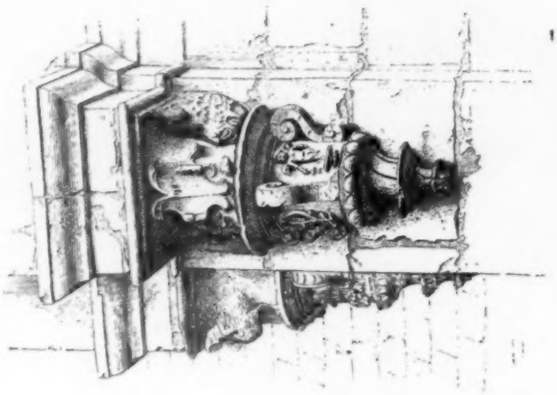

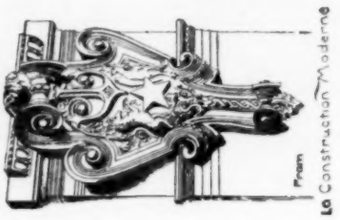
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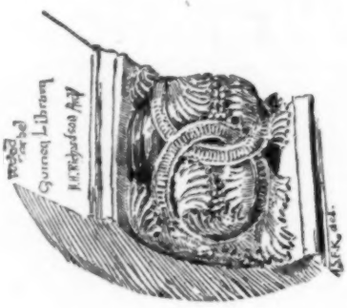
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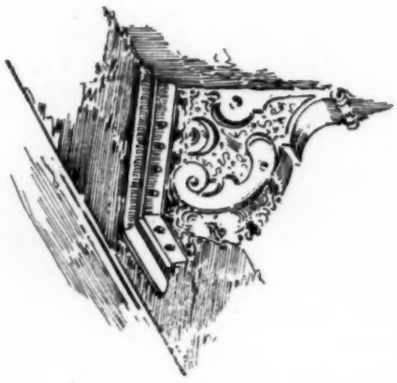

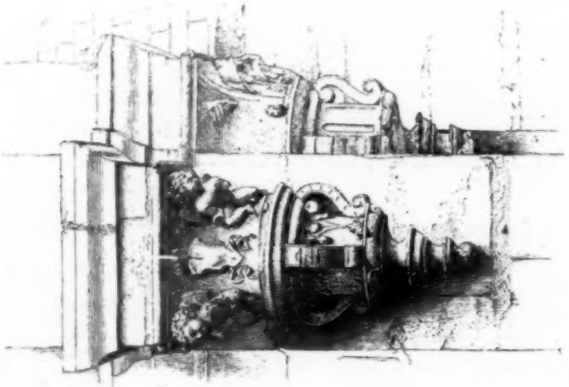

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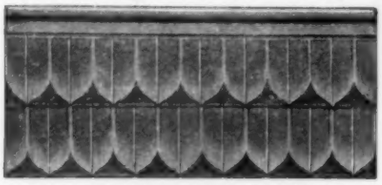

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Fairmount Ave., No. 810, addition; contractors, McKee & Son.

Keith St., w Wayne St., addition; contractor, J. W. Cramer.

Ninth St., n e cor. Locust St., alteration; contractors, W. T. Stevenson & Bro.

Seppiva St., n Tioga St., addition; owner, Frank Kiehl.

Thirteenth St., above Cherry St., addition; contractor, J. R. Garber.

Annida St., No. 1125, addition; owner, Nicholas Maltote.

Bainbridge St., No. 2048, addition; contractors, Tout & McLoughlin.

Fairhill St., No. 2735, addition; agent, John Klebe.

Fourth St., n w cor. Redwood St., addition; contractor, W. W. Lawson.

North Tenth St., No. 1634, addition; contractor, F. Haab.

North Twelfth St., No. 1547, addition; contractor, S. R. Riley.

Wylie St., n s, e Nineteenth St., addition; contractor, W. R. Dougherty.

Church and Washington Sts., addition; owner, Ann M. Crosta.

Fairmount Ave., No. 418, addition; owner, R. K. Gregg.

Lancaster Ave., No. 4027, alterations; contractor, John McParland.

Mount Vernon St., Nos. 3835-37, alteration; contractor, Gustav Neilson.

McKean St., No. 1003, addition; contractor, A. McCall.

Montgomery Ave., No. 418, alteration; contractors, Nutz & Worthington.

BUILDING INTELLIGENCE.

Ogden St., No. 4035, addition; contractor, John Godfrey.

Pink St., No. 1433, alteration; owner, John Zoelle.

Pine St., No. 2217, addition; owner, John Eisenmann.

North Twenty-second St., No. 2220, alterations; owner, C. G. McMullen.

North Twenty-seventh St., No. 2218, alterations; owner, Stephen Lippert.

Cambridge St., No. 2808, addition; contractor, Chas. E. Bartle.

Clearfield St., No. 3439, addition; contractor, Chas. E. Bartle.

Ridge Ave., Nos. 3015-17, additions; contractor, Chas. E. Bartle.

Cathedral Ave., w Thirtieth St., addition; owner, P. H. Clemens.

Fourth St., s Girard Ave., addition; owner, Chas. Auchter.

Gay St., No. 167, addition; owner, James Cunningham.

Lawrence St., s e cor. Canal St., addition; contractor, D. C. Schuler.

Mt. Vernon St., No. 1706, addition; contractors, John England & Bro.

South Ninth St., No. 214, addition; contractor, Burd P. Evans.

Ogden St., No. 1229, addition; contractors, J. W. Saunders & Son.

Paschall St., No. 4003, addition; contractors, A. J. Mosby & Son.

APARTMENT-HOUSES.

Boston, Mass.— *Beacon St.*, cor. Charles Gate, East, Ward 22, seven-st'y brick apartment, flat roof; owners, J. P. Putnam, *et als.*; builders, Gibson & Knight.

Brooklyn, N. Y.— *State St.*, n s, 250' e Hoyt St., 3 five-st'y brick flats, tin roofs; total cost, $75,000; owner, A. C. Brownell, 1190 Dean St.; architects, Langston & Dahlander, 1239 Bedford Ave.

Chicago, Ill.— D. F. Gornes, three-st'y flats, 121 Loomis St.; cost, $6,000.

H. M. Ames, two-st'y flats, Dearborn and Forty-ninth Sts.; cost, $18,000.

William J. Jackson, two-st'y flats, 1647 Harrison St.; cost, $4,500.

John Gregegargesky, two-st'y flats, 1064 Albany Ave.; cost, $3,000.

W. E. Couffer, two-st'y flats, 1491 Monroe St.; cost, $3,500.

G. F. Schmitz, three-st'y flats, 2943 Wentworth Ave.; cost, $4,500.

Thomas Antonia, two-st'y flats, 813 Dania Ave.; cost, $3,500.

Kasper Weise, two-st'y flats, 321 West Huron St.; cost, $4,000.

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Lombert Thieten, two-st'y flats, Winter St. and Matteson Ave.; cost, $3,000.

K. G. Devries, 2 two-st'y flats, 6801-03 Peoria St.; cost, $3,000.

M. Leadwith, two-st'y flats, Halsted and Fifty-fourth St.; cost, $4,500.

Mrs. Kate Costello, seven-st'y flats, 636 Walnut St.; cost, $3,500.

Charles Kittendorf, two-st'y flats, 485 Twenty-sixth St.; cost, $3,500.

J. W. Ott, three-st'y flat, 182 Warren Ave.; cost, $7,000.

Daniel Raymond, two-st'y flat, 823 Concord St.; cost, $3,000.

Albert Sommers, two-st'y flat, 14 Werder St.; cost, $3,300.

Horace F. Huester, three-st'y flats, 598 Fulton St.; cost, $5,800.

Philip Macher, three-st'y flats, 583 Kedzie Ave.; cost, $4,200.

H. H. Mather, 2 two-st'y flats, 1846-48 Wright St.; cost, $9,000.

A. H. Swan, two-st'y flats, 73 Janssen St.; cost, $3,000.

S. W. Roth, 3 two-st'y flats, 93, 105 and 112 Darlin St.; cost, $10,000.

J. J. Bradley, two-st'y flats, 7017 Wright St.; cost, $3,000.

Mrs. Laura Lech, two-st'y flats, 645 Forty-third St.; cost, $6,000.

J. W. Ostrander, 2 three-st'y flats, 1058-1065 West Polk St.; cost, $10,000.

Edward Brasker, three-st'y flats, 838 Girard St.; cost, $4,000.

B. Bender, two-st'y flats, 3139 Butler St.; cost, $3,000.

New York, N. Y.— *One Hundred and Sixth St.*, s s, 100' e Park Ave., 4 five-st'y brick flats, tin roofs; cost, $76,000; owner, Hugh Reilly, 103 East One Hundred and Sixteenth St.; architect, Edward Wenz, 1491 Third Ave.

West Thirty-sixth St., No. 452, five-st'y brick flat, tin roof; cost, $20,000; owner, John Regan, 444 West Thirty-sixth St.; architect, M. V. B. Ferdon, 272 West-Thirty-fourth St.

East Twenty-eighth St., No. 335, five-st'y brick flat, tin roof; cost, $20,000; owner, Robert Huson, 218 East Fifteenth St.; architect, J. Kastner, 744 Broadway.

East Eleventh St., Nos. 116-118, 2 five-st'y brick flats, tin roofs; cost, $39,000; owner, John Peters, 280 Sumter St., Brooklyn; architect, Oswald Wirz, 153 Fourth Ave.

East Eleventh St., No. 120, five-st'y brick flat, tin roof; cost, $15,000; owner, John Peters, 280 Sumter St., Brooklyn; architect, Oswald Wirz, 153 Fourth Ave.

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One Hundred and Ninth St., n e cor. Lexington Ave., 2 five-st'y brick flats, tin roofs; cost, $70,000; owner, William Lyman, 51 East One Hundred and Twenty-second St.; architect, John Hauser, 1441 Third Ave.

Fifty-first St., s s, 127' e Eighth Ave., 3 five-st'y brick flats, tin roofs; cost, $66,000; owner, Alex Moore, 316 West Fifty-first St.; architect, George Keister, 55 West Thirty-third St.

Lexington Ave., n e cor. Fifty-fourth St., five-st'y brick flat, tin roof; cost, $30,000; owner, William Jones, 216 East Twenty-eighth St.; architect, Chas. Rentz, 153 Fourth Ave.

King St., n e cor. Congress St., five-st'y brick flat, tin roof; cost, $30,000; owner, Joseph Kehoe, 225 East Eighteenth St.; architect, Charles Rentz, 153 Fourth Ave.

Bayard St., No. 61, five-st'y brick flat, tin roof; cost, $18,000; owners, Sevestra & Cusack, 121 East Fifty-third St.; architect, Charles Rentz, 153 Fourth Ave.

East Twenty-sixth St., No. 229, five-st'y brick flat, tin roof; cost, $24,000, owner, Charles A. Brown, 154 West Fifteenth St.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Fifth St., s s, 80' w Park Ave., n s One Hundred and Fourth St., 105' w Park Ave., 3 five-st y brick flats, tin roofs; cost, $54,000; owner, Mary E. Gault, 16 West Ninety-fourth St.; architects, Lewis & Wocher, 59 West One Hundred and Fifth St.

Eighty-second St., s s, 87' w Am ɔrdam Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owners, Gordon Bros., 230 East Forty-second St.; architect, G. A. Schellinger, 128 Broadway.

Tenth Ave., s w cor. Eighty-second St., 4 five-st'y brick flats, tin roofs; cost, $110,000; owners, Gordon Bros., 230 East Forty-second St.; architect, G. A. Schellinger, 128 Broadway.

Fourth Ave., s e cor. Avenue B, six-st'y brick flat, tin roof; cost, $40,000; owners, Weil & Meyer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

One Hundred and Sixteenth St., s s, 80' w Lexington Ave., 5 five-st'y brick flats, tin roofs; cost, $125,000; owners, Luke & Burne, 58 East One Hundred and Fourth St.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Fifth St., n s, 200' e First Ave., 4 five-st'y brick flats, tin roofs; cost, $15,000; owner, Wm. H. Thornton, 51 East One Hundredth St.; architect, Wm. H. Blackburn, 419 West Twenty-first St.

One Hundred and Twenty-first St., s e cor. Manhattan Ave., 5 five-st'y brick flats, tin roofs; cost, $110,000; owner, Edward Cunningham, 395 Manhattan Ave.; architect, Henry Davidson, 22 Ninth Ave.

Fifty-second St., n s, 175' w Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, $51,000; owners, John Hanchildt and Aug. Muller, 113 Green Ave.; architect, Walter Hornum.

One Hundred and Fourth St., No. 138, s s, five-st'y brick flat, tin roof; cost, $22,000; owner, Leopold Kahn, 389 West One Hundred and Twenty-third St.; architect, G. Haar, 439 West Forty-third St.

Goerck St., n w cor. Rivington St., five-st'y brick flat, metal roof; cost, $16,000; owner, Matilda W. Bruce, 39 East Twenty-third St.; architects, Gordon & Giller, 19 Park Pl.

East Eightieth St., No. 166, five-st'y brick flat, tin roof; cost, $19,000; owner, August Jacob, 260 East

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Seventy-eighth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Monroe St., Nos. 230-236, 4 five-st'y brick flats, tin roofs; cost, $100,000; owners, Fish & Miller, 330 East Ninth St.; architects, Schneider & Herter, 48 Bible House.

Fifty-first St., s s, 484' w Eighth Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Joseph Mouzkowski, 458 West Fiftieth St.; architect, James W. Cole, 403 West Fifty-first St.

One Hundred and Thirty-fifth St., n s, 100' e Willis Ave., 2 three and five st'y brick one flat and one dwell., tin roof: cost, dwell., $12,000; flat, $25,000; owner, Adolph Balschun, 18 East Ninety-first St.; architect, Edward Wenz, 1491 Third Ave.

Lexington Ave., s e cor. One Hundred and Sixteenth St., five-st'y brick flat, tin roof; cost, $26,000; owner, John Hickey, 83 East One Hundred and Tenth St.; architect, Edward Wenz, 1491 Third Ave.

Pike St., No. 42, six-st'y brick flat, tin roof; cost, $25,000; owner, Joseph Kahn, 2003 Madison Ave.; architects, Edward Kenny & Son, 299 Ninth St., Brooklyn.

One Hundred and Thirty-ninth St., s s, 275' e Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Anna T. Dale, 641 Walton Ave.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Tenth Ave., Nos. 315-317, 2 five-st'y brick flats, tin roofs; cost, $15,000; owner, Charles Hills, 315 Tenth Ave.; architect, John Jordan, 303 West Twenty-ninth St.

One Hundred and Sixth St., s s, 200' w First Ave., five-st'y brick flat, tin roof; cost, $22,000; owners, Dempsey & Smith, 440 East One Hundred and Thirteenth St.; architect, John C. Burne, 1531 Third Ave.

Third Ave., e s, 100' n One Hundred and Fifty-sixth St., 5 five-st'y brick flats, tin roofs; cost, $75,000; owner, Jacob Wicks, Jr., 67 East Ninety-second St.; architect, Edward Wenz, 1491 Third Ave.

Eighth Ave., n w cor. One Hundred and Twentieth St., five-st'y brick flat, tin roof; cost, $30,000; owner, J. Riley, 416 East One Hundred and Fifteenth St.; architect, J. H. Valentine, Paterson, N. J.

One Hundred and Thirty-fifth St., n s, 100' w Willis Ave., *and Hundred and Thirty-sixth St.*, s s, 100' w Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $50,000; owners, Cotter Bros., 630 East One Hundred and Thirty-eighth St.; architect, John C. Burne, 1531 Third Ave.

Willis Ave., n w cor. One Hundred and Thirty-fifth St., *and Willis Ave.*, s w cor. One Hundred and Thirty-sixth St., 2 five-st'y brick flats, tin roofs; cost, $70,000; owners, Cotter Bros., 630 East One Hundred and Thirty-eighth St.; architect, John C. Burne, 1531 Third Ave.

Willis Ave., w s, 25' n One Hundred and Thirty-fifth St., 6 five-st'y brick flats, tin roofs; cost, $20,000; owners, Cotter Bros., 630 East One Hundred and Thirty-eighth St.; architect, John C. Burne, 1531 Third Ave.

Barrow St., Nos. 52-54, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Alphonse Hogenauer, 348 Willis Ave.; architect, Bruno W. Berger, 80 Bible House.

One Hundred and Fifteenth St., n w cor. Park Ave., 3 five-st'y brick flats, tin roofs; cost, $51,000; owner, Henry Muhlker, 193 East One Hundred and

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Fourteenth St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Columbus Ave., w s, 50' s Ninety-sixth St., 3 five-st'y brick flats, tin roofs; cost, $75,000; owner, William F. Lennon, 124 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

Eighty-fourth St., s e cor. Amsterdam Ave., 5 five-st'y brick flats, tin roofs; cost, $99,000; owner, Theo. A. Cordier, 401 East Eighty-seventh St.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Sixteenth St., s s, 200' e Eighth Ave., five-st'y brick flat, tin roof; cost, $22,000; owner, John A. Townsend, 237 Madison Ave.; architect, Edward Wenz, 1391 Third Ave.

Forsyth St., No. 52, five-st'y brick flat, tin roof; cost, $20,000; owners, Loonie & Parker, 97 East One Hundred and Sixteenth St. and 66 East Eighty-eighth St.; architect, Charles Rentz, 153 Fourth Ave.

One Hundred and Fourth St., s s, 175' e Manhattan Ave., five-st'y brick flat, tin roof; cost, $20,000; owners, Gammie & Robertson, 164 East One Hundred and Twelfth St.; architect, James W. Cole, 403 West Fifty-first St.

One Hundred and Twenty-second St., s s, 150' w Third Ave., 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, James Henderson, 60 West One Hundred and Twenty-fifth St.; architect, G. A. Schellinger, 128 Broadway.

Eighth Ave., w s, 52' 6" s Twenty-first St., 2 five-st'y brick flats, tin roofs; cost, $32,000; owners, Ph. and Wm. Ebling, St. Ann's Ave. and One Hundred and Fifty-sixth St.; architect, John Brandt, 1491 Third Ave.

One Hundred and Second St., s s, 100' e Boulevard, 2 five-st'y brick flats, tin roofs; cost, $46,000; owner, Lewis M. Muller, 241 Union St., Brooklyn; architect, Albert Lang, 243 East Seventy-first St.

East Twenty-eighth St., No. 335, five-st'y brick flat, tin roof; cost, $20,000; owner, Robert Huson, 218 East Fifteenth St.; architect, J. Kastner, 744 Broadway.

One Hundred and Twenty-eighth St., n s, 125' e Lenox Ave., 4 five-st'y brick flats, tin roofs; cost, $72,000; owner, Patrick Hogan, 1604 Lexington Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Waverly Pl., No. 116, five-st'y brick flat, tin roof; cost, $20,000; owner, James Cunningham, 114 Waverly Pl.; architect, Louis Heinecke, 62 Bowery.

Twenty-sixth St., n s, 122' w Eighth Ave., 2 five-st'y brick flats, tin roofs; cost, $44,000; owner, Daniel D. Lawson, 142 West One Hundred and Third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Thirtieth St., n s, 150' w Ninth Ave., 4 five-st'y brick flats, tin roofs; cost, $88,000; owner, J. A. O'Reilly estate, 1267 Broadway; architects, Thom & Wilson, 1267 Broadway.

Thirtieth St., 100' w Ninth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, J. A. O'Reilly

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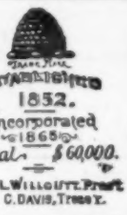

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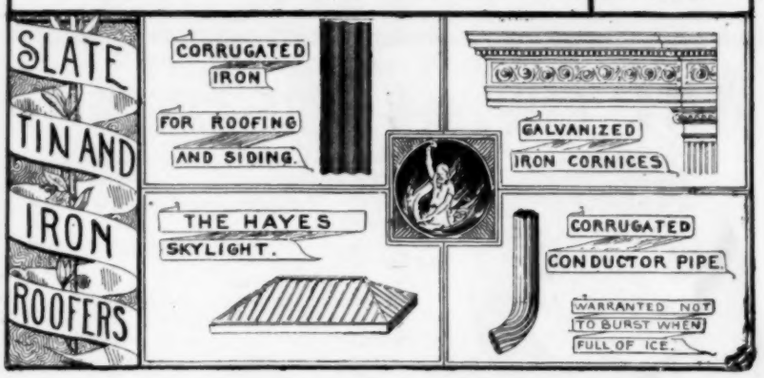

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estate, 1267 Broadway; architects, Thom & Wilson, 1267 Broadway.

Thirtieth St., n s, 125′ w Ninth Ave., five-st'y brick flat, tin roof; cost, $22,000; owner, J. A. O'Reilly estate, 1267 Broadway; architects, Thom & Wilson, 1267 Broadway.

Third Ave., n e cor. Twenty-eighth St., five-st'y brick and stone flat; owner, Miss C. Roache; architects, Renwick, Aspinwall & Russell.

Thirty-fifth St., n s, bet. Seventh and Eighth Aves., 3 five-st'y brick, stone and terra-cotta flats; cost, about $55,000; owner, Wm. H. Ramsey; architect, G. F. Pelham.

Lexington Ave., e s, bet. One Hundred and Ninth and One Hundred and Tenth Sts., 2 five-st'y buff brick and stone flats; cost, $70,000; owner, Wm. Lyman; architect, John Hauser.

St. Louis, Mo.—Two-st'y brick flat; cost, $5,000; owner, P. Cullimane; contractors, J. Flannery & Bro.

Two-st'y brick flat; cost, $5,000; owner, Thos. Flannery; contractors, J. Flannery & Bro.

Two-st'y brick flat; cost, $3,500; owner, M. Cullimane; contractors, J. Flannery & Bro.

Two-st'y brick flat; cost, $5,000; owner, Thos. Flannery; contractors, J. Flannery & Bro.

CHURCHES.

Brooklyn, N. Y.—*Throop Ave.*, w s, 40′ s Stockton St., brick church and school, slate roof; cost, $30,000; owner, Evangelical Protestant Church, Hopkins St. and Delmonico Pl.; architect, Th. Engelhardt, 305 Broadway.

Chicago, Ill.—First Lutheran German Church, three-st'y church, 277-279 Augusta St.; cost, $9,000.

Detroit, Mich.—Donaldson & Meier, brick church, 900 McDougall Ave.; cost, $35,000.

FACTORIES.

Brooklyn, N. Y.—*Morton St.*, 100′ e Kent Ave., six-st'y brick factory and storehouse for baking powder, gravel roof; cost, $56,000; owners, Royal Baking Powder Co., on premises; architect, H. B. Roelker, 22 Cortlandt St., New York City.

Chicago, Ill.—H. S. Ames, factory, 392-400 Twenty-sixth St.; cost, $8,000.

Philadelphia, Pa.—*Eighth St.*, n e cor. Thompson St., four-st'y factory; owners, Gilleston, Christie & Lockerbie.

HOSPITALS.

Baltimore, Md.—Four-st'y hospital building at the City Hospital; cost, abt. $20,000; architects, Baldwin & Pennington; contractors, Henry Smith & Sons.

HOUSES.

Ashmont, Mass.—*Welles Ave.*, frame dwell., 30′ x 56′; owner, Wesley Legg; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Boston, Mass.—*Bennington St., No.* 242, Ward 1, three-st'y frame dwell., flat roof, 21′ x 55′; owner, E. J. Ahearn; builder, J. C. Hamilton.

Coolidge Road, near Mansfield St., Ward 25, frame dwell., 26.6′ x 35′; owner, W. A. Buckley; builder, A. E. Ellis.

Monks St., near East Sixth St., Ward 14, four frame dwells., 22′ x 54′; owner, John P. Cushing; builder, W. T. Eaton.

Ottawa St., Nos. 15-21, Ward 21, four frame dwells., 22′ x 47.9′; owner, Lewis D. Conant; builder, W. T. Eaton.

Bowdoin St., near Bullard St., Ward 24, four frame dwells., 14.6′ x 34′; owner and builder, J. W. Brown.

Saratoga St., near Shelby St., Ward 1, 2 three-st'y frame dwells., flat roofs, 22.10′ x 57.8′; owner of one, W. F. McClellan; of other, Thomas Hovey; builder, E. J. Turner.

Brighton, Mass.—*Hanneewell Hill*, frame dwell., 31′ x 44′; owner, Adelaide M. Godding; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Brookline (Longwood), Mass.—Frame dwell., 30′ x 43′; cost, about $7,000; owner, E. M. Lawson; builders, Wood Bros.; architect, Tristram Griffin, Boston.

Boylston St., dwell. of Perth Amboy brick and stone; cost, $40,000; owner, Joseph H. White; builder, John Y. Mainland; architects, Shepley, Rutan & Coolidge, Boston.

Brooklyn, N. Y.—*Degraw St.*, n s, 90′ w Fifth Ave., 5 three-st'y brick dwells., tin roofs; cost, $4,000 each; owner, Peter Kelly, 357 First St.; architect, J. Roth, 690 Second St.

Macon St., n s, 280′ e Reid Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, $7,000 each; owner, F. C. Swim, Marcy and Putnam Aves.; architects, A. Hill & Son, 1225 Bedford Ave.

Kosciusko St., s s, 275′ e Reid Ave., four-st'y brick dwell., tin roof; cost, $14,000; owner, M. Quimby, 594 Kosciusko St.; architect, Frank Holmberg, 1161 Broadway.

DeKalb Ave., n s, 175′ e Hamburg Ave., 3 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner, Theo. H. Werner, 493 Marcy Ave.; architect, H. Vollweiler, 486 Hart St.

Ashford St., e s, 213′ 7″ n Atlantic Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, Louis Ilsemann, Fulton and Cleveland Sts.; architect, Louis F. Schillinger, Liberty Ave. and Barbey St.

Decatur St., s s, 41′ 6″ e Saratoga Ave., 4 two-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Samuel B. Good, 507 McDonough St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Franklin Ave., s e cor. Quincy St., four-st'y brick dwell., gravel roof; cost, $25,000; owner, S. M. Fickett, 301 Gates Ave.; architect, F. L. Hine, 301 Gates Ave.

Cooper St., s s, 168′ 4″ w Bushwick Ave., 2 four-st'y brick dwells., tin roofs; cost, $7,000 each; owner, Ernst Sutterlin, Russel Pl., near Atlantic Ave.; architect, Chas. Infanger, 68 Van Sicklen Ave.

Bergen St., n s, 125′ e Troy Ave., 2 three-st'y frame dwells., tin roofs; cost, $8,500; owner, Wm. Steers, Bergen St. and Troy Ave.

Detroit, Mich.—G. O. Chase, double brick dwell., 103-105 Adams Ave.; cost, $6,000.

New York, N. Y.—*Seventy-fifth St., No.* 200, e Columbus Ave., 5 four-st'y brick dwells., tin roof; cost, $110,000; owner, Robert Wallace, 318 East Fifty-eighth St.; architect, G. A. Schellinger, 128 Broadway.

Seventy-seventh St., s s, 200′ e Tenth Ave., 6 four-st'y brick dwells., tin roof; cost, $132,000; owner, Carrie S. Kennedy, 1090 Lexington Ave.; architect, G. A. Schellinger, 128 Broadway.

Seventy-sixth St., n s, 231′ w West End Ave., 2 four-st'y brick dwells, tin roofs; cost, $35,000; owners, Jacob & Skinner, 10 East Twenty-third St., 127 West Seventy-second St.; architect, Charles S. Mott, 111 Broadway.

One Hundred and Forty-seventh St., 253′, n s w St. Nicholas Ave., 2 three-st'y brick dwells., tin roofs; cost, $30,000; owners, E. B. Southworth, and M. D. Southworth, 158 West One Hundred and Nineteenth St.; architect, Paul F. Higgs, 835 Broadway.

West Seventy-eighth St., Nos. 106-108, 2 four-st'y brick dwells., tin roofs; cost, $45,000; owner, Eli Martin, 100 West Eighty-first St.; architect, H. L. Harris, Temple Court.

Twenty-first St., n s, 45′ 3½″ w First Ave., four-st'y brick dwell., tin roof; cost, $6,000; owner, William Padian, 323 East Nineteenth St.; architect, John C. Burne, 1531 Third Ave.

Ninety-first St., n s, 350′ e Ninth Ave., 4 three-and-four-st'y brick dwells., tin roof; cost, $35,000; owners, Oldhouse & Smythe, 513 Lenox Ave., 153 West One Hundred and Twenty-second St.; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St.

Philadelphia, Pa.—*Benson St., No.* 452, frame dwell.; owner, W. R. Shedaker.

Federal St., No. 722, brick dwell.; owner, Charles Johnson.

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Grays Ave. and Seventieth St., 2 two-st'y dwells.; contractor, P. A. Rehill.

Manheim and Knox Sts., 3 three-st'y dwells.; owner, Thomas Greaves.

Powelton Ave., w Fortieth St., 2 three-st'y dwells.; owner, T. C. Sloan.

Allegheny Ave., w Mercer St., 10 two-st'y dwells.; owner, J. C. Moore.

Allegheny Ave., s s, e Fifteenth St., 6 three-st'y dwells.; owner, G. V. Gunn.

Forty-second St. and Powelton Ave., 2 three-st'y dwells; owner, G. W. Steinmetz.

Mt. Vernon St., n Fifty-fourth St., 5 two-st'y dwells.; owner, Gustave Neilson.

Penn St., near Hancock St., two-st'y dwell.; owner, H. D. Linzey.

Venango St., s w cor. Twenty-third St.; three-st'y dwell.; contractors, McCartney & Oler.

Chestnut Ave., n Crefeld St., three-st'y dwell.; owner, W. C. Mackie.

North Second St., No. 631, *rear*, two st'y dwell.; contractors, Hudson & Dillon.

Providence, R. I.— *Greenwich St.*, s e cor. Public and Sullivan Sts., two-st'y frame dwell. and store; cost, $6,000; owner, Waity F. Sweet; builder, O. Bouchard.

Burnett St., s s, bet. Bucklin and Greenwich Sts., two-and-one-half-st'y dwell., French roof; cost, $5,800; Bernard Bardeen; builders, Straight & Miner.

Cypress St., n s, bet. Main and Camp Sts., two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Peter McKenna; builder, John Butler.

Somerville, Mass. — *Francisca Ave.*, near Elm St., frame dwell.; owner and builder, John H. Stevens.

Summer St., near Quincy St., frame dwell.; owners and builders, W. L. and H. Waugh.

Partridge Ave., cor. Medford St., frame dwell.; owner, George W. Hatch; builder, Geo. W. Taylor.

Raymond Ave., frame dwell.; owner, Mrs. J. A. C. Knapp; builder, Mr. Knights.

Knapp St., near School St., two frame dwells.; owners, Rosa M. Butler and Fannie S. Hutchins; builder, Elmer N. Hutchins.

Trull St., rear, frame dwell.; owner, Adolphe Roussin; builder, Mr. Sawyer.

Francisca St., near Elm St., two frame dwells.; owner and builder, J. Miller.

Rodger Ave., off Morrison St., three frame dwells.; owner and builder, J. Miller.

Albion St., frame dwell.; owner, Solomon S. Higgins; builder, A. A. Smith.

West St., frame dwell.; owner, L. P. Cote; builder, Mr. Sawer.

Cedar St., near Clide St., frame dwell.; owner, Bartholomew J. Fitzgerald.

Florence St., near Washington St., frame dwell.; owner and builder, W. H. Handy.

Clarendon Ave., near Broadway, frame dwell.; owner, Edward W. Emerson.

Hudson St., No. 55, frame dwell.; owner, Geo. H. Knight; builder, Arthur W. Berry.

School St., cor. Knapp St., frame dwell.; owner, S. A. Brown; builder, E. N. Hutchings.

Cambria Park, three frame dwells.; owners and builders, Hudson & Lewis.

Lowell St., frame dwell.; owner, Mary Mooney; builder, Geo. E. Ricker.

Allston St., near Cross St., two frame dwells.; owner, Elizabeth Headley; builder, A. Headley.

Gibbens St., frame dwell.; owner, Olof Olsen; builder, Alex. Godfrey.

School St., near Summer St., frame dwell.; owner, D. B. Gillis; builders, Gillis Bros.

Lowell St. frame dwell.: owner and builder, Solomon S. Higgins.

Elm St., rear, frame dwell.; owners, Misses Mary and Jane Holman; builder, Albert S. Teel.

Richardson St., cor. Hinkley St., frame dwell.; owner and builder, John McKenna.

Bow St., frame dwell.; owner, Dr. Whitman; builder, John R. Thompson.

Nashua St., frame dwell.; owner, Jacob W. Wilbur; builder, W. R. Kinreid.

Wyeth St., frame dwell.; owner, Homer C. Holt, builder, D. C. Smith.

Taunton St., frame dwell.; owner, Homer C. Holt; builder, D. C. Smith.

Joseph St., frame dwell.; owner and builder, James W. Connor.

Motley Court, near Somerville Ave., frame dwell; owner, I. T. Wolley; builders, Gillis Bros.

Bowdoin St., near Washington St., frame dwell.; owner and builder, Israel P. Rice.

Gilman St., near Aldrich St., frame dwell.; owner, N. H. Reed; builders, Hudson & Lewis.

Wigglesworth St., near Pearl St., two frame dwells.; owners and builders, Hudson & Lewis.

Adrian St., frame dwell.; owner and builder, James W. Connor.

Knowlton St., near Washington St., frame dwell.; owner and builder, N. H. Reed.

Hudson St., frame dwell.; owner and builder, S. S. Higgins.

Medford St., rear No. 107, frame dwell.; owner, Thos. McCulpher.

Summer St., near Central St., frame dwell.; owner, Mrs. Caroline Jackman; builders, Gillis Bros.

Ames St., frame dwell.; owner, L. Boynton; builder, Chas. L. Emerson.

Near Linwood St., frame dwell.; owner, Thos. McDavitt; builder, Patrick McGrath.

Howard St., near Willow Ave., frame dwell.; owner, Mrs. David Dickson; builder, G. E. Elder.

Lowell St., near Grant St., frame dwell.; owner, M. W. Hutchison; builder, L. H. Lovering.

Central St., opp. Ames St., frame dwell.; owner, Wm. Veazie; builders, Abbott Bros. & Co.

Chapel St., frame dwell.; owner, Robert F. Baldwin; builder, Mr. Baker.

Cross St., No. 104, frame dwell.; owner, J. L. Norris; builder, Thomas T. Kirke.

Runy St., near Cross St., frame dwell.; owner and builder, Isaac L. Rich.

Grant St., near Sewell St., two frame dwells.; owner, David L. McGregor; builder, John K. Ricker.

Cherry St., near Summer St., two frame dwells.; owners, W. C. and A. F. Mentzier; builder, John K. Ricker.

Lake St., frame dwell.; owner, G. W. Lake; builder, G. W. Ryan.

Wigglesworth St., near Pearl St., frame dwell.; owner and builder, J. R. McLellan.

Elm St., near Chapel St., frame dwell.; owner, C. H. Hartwell; builder, Mr. Barlow.

BUILDING INTELLIGENCE.

Ames St., cor. Bartlett St., frame dwell.; owners and builders, S. and C. H. Williams.

School St., opp. Landers St., frame dwell.; owner, Geo. Weatherby; builders, S. and C. H. Williams.

Montrose St., frame dwell.; owner, J. McDonald; builder, Geo. E. Ricker.

Madison St., frame dwell.; owner and builder, Geo. E. Ricker.

Runy Court, near Runy St., frame dwell.; owner, Wilbur P. Rice; builder, Watson Viddeto.

Knowlton St., frame dwell: owner, Mrs. Dugan; builders, W. L. & H. S. Waugh.

Pearl St., cor. Marshall St., brick block, 53′ x 60′; owner, James A. Litchfield; builder, H. M. Francis.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $4,000; owners and contractors, Caugh & Mackey.

Two-st'y brick dwell.; cost, $12,000; owner, Nelson Cole; contractor, L. W. Manning.

Two-st'y brick dwell.; cost, $6,000; owner, S. McKee; contractors, Sloss & Sneider.

Two-st'y brick dwell.; cost, $3,200; owner, Jos. Hoefler; contractor, F. Mueller.

Two-st'y brick dwell.; cost, $3,000; owner, J. Dubeck; contractors, W. Rievve & Son.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, M. A. Meran.

Two-st'y brick dwell.; cost, $3,000; owner, Mrs. L. Grace; contractor, J. S. Raby.

Three-st'y brick dwell.; cost, $5,000; owner, N. P. Miller; contractor, E. P. Shassers.

Two-st'y brick dwell.; cost, $2,700; owner, E. J. Smith; contractor, F. W. Folk.

Two-st'y brick dwell.; cost, $4,000; owner, Wm. C. Uhri; contractor, A. Uhri.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, C. C. Newberry.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, C. C. Newberry.

Three two-st'y brick dwells.; cost, $30,000; owner, M. Rosenheim; contractors, B. Weber & Son.

Two-st'y brick dwell.; cost, $2,800; owner, Edw. Goeg; contractor, P. H. Tiemann.

Two-st'y brick dwell.; cost, $6,000; owner, Milo T. Bogard; contractors, Kelly & Lawton.

Two-st'y brick dwell.; cost, $8,000; owner, Mrs. A. L. Beeding; contractors, Kelly & Lawton.

Three-st'y brick double dwell.; cost, $5,000; owner, Mary Darwin; contractors, O'Malley Bros.

Two-st'y brick double dwell.; cost, $4,000; owner, E. A. Primeau; contractor, G. G. Chapline.

Two-st'y brick double dwell.; cost, $6,500; owner, J. H. Fuller; contractor, T. J. Kelly.

Two-st'y brick double dwell.; cost, $6,000; owner, W. Palma; contractors, F. Voelpel & Son.

Wellesley Hills, Mass. — Frame dwell., 30′ x 42′; owner, Chas. H. Hooker; builder, J. W. Rochford; architect, Edwin J. Lewis, Jr., Boston.

OFFICE-BUILDINGS.

Baltimore, Md. — Ten-st'y office-building, of 334 offices; estimated cost, $1,000,000; architect, Charles L. Carson; contractors, Norcross Bros., Boston.

Detroit, Mich. — Donaldson & Meier, six-st'y office-building, State St.; cost, $35,000.

SCHOOL-HOUSES.

Cameron, Texas. — The authorities will at once begin the erection of a new college building to cost about $20,000.

Granbury, Texas.—School-house to cost $8,000 will be built.

STABLES.

Boston, Mass. — *Bourne St., rear*, near Spruce St., Ward 23, one-st'y frame stable, 25′ x 35′; owner, A. Jackson.

Norfolk St., rear, cor. Whitman St., Ward 24, one-st'y frame stable, pitch roof, 20.10′ x 24.10′; owners, R. H. Chamberlain and A. W. Pense.

Carson St., No. 42, *rear*, Ward 24, one-st'y frame stable, pitch roof, 18′ x 30′; owner, Frank Mohair; builder, F. Williams.

Harvard St., No. 232, *rear*, Ward 24, frame stable, 22′ x 30′; owner, Carrie B. Fiske; builder, T. D. Simmons.

School St. Pl., rear, near School St., Ward 25, frame stable, 35′ x 35′; owner, W. H. Blake.

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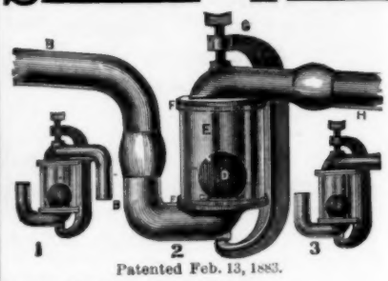

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BUILDING INTELLIGENCE.

Brooklyn, N. Y. — *Troop Ave.*, n e cor. Van Buren St., three-st'y brick stable, gravel and felt roof; cost, $12,000; owner, James Pritchard, 147 Sandford St.; architect, Stephen Newell, 1218 Bedford Ave.

New York, N. Y. — *East One Hundred and Twenty-fourth St., Nos.* 124-128, five-st'y brick stable, tin roof; cost, $25,000; owner, Robert E. Wescott, Seventy-second St. and Eighth Ave.; architects, French, Dixon & DeSalden, Broadway and Fifty-seventh St.

Philadelphia, Pa. — *Senate St.*, below Fourth St., two-st'y brick stable; owner, W. H. Day.

Tacony St., n Duncan St., frame stable; contractor, R. C. Winnals.

Van Pelt St., No. 2012, stable; contractors, Nutz & Worthington.

Bustleton Pike, n Chestnut St., two-st'y stable; owner, Israel Knight.

STORES.

Brooklyn, N. Y.—*Fulton St.*, s w cor. Saratoga Ave., 5 four-st'y brick stores and dwells., tin roofs; cost, $40,000; owner, G. H. Gibbey, 76 Hoyt St.; architect, J. D. Young, 287 Halsey St.

Central Ave., w s, 25′ n Eldert St., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, J. F. Ehlers, 102 Bieecker St.; architect, A. Bereckmeier, 101 Ralph St.

Watkins St., w s, 150′ s Eastern Parkway, two-st'y frame store and dwell., tin roof; cost, $3,000; owner, Ada Parmes, 1192 Broadway.

Eastern Parkway, s s, 25′ e Osborn St., three-st'y frame store and dwell., tin roof; cost, $3,000; owners, B. Frank and H. Rose, Sutter Ave.

New York, N. Y. — *First Ave.*, s e cor. Forty-sixth St., two-st'y brick store, tin roof; cost, $4,000; owners, Schwartzchild & Sulzeberger Ref. Co., Forty-third St. and First Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Bank St., s s, 150′ e Thirteenth Ave., five-st'y brick store, felt, tar and gravel roof; cost, $24,000; owner, Hoffman Estate, 4 Warren St.; masons, Robinson & Wallace, 129 East Twenty-third St.

One Hundred and Thirty-seventh St., n s, 60′ e Rider Ave., six-st'y brick store, asbestos felting roof; cost, $21,000; owner, J. L. Malt Iron Works, 84-90 Beekman St.; architect, A. G. Thompson, 84-90 Beekman St.

Washington St., No. 382, four-st'y brick store building, tin roof; cost, $9,000; owner, Perry Dickie, 200 Schemerhorn St., Brooklyn; architect, Charles Hadden, 102 South Fifth Ave.

Philadelphia, Pa.—*Broadway*, s w cor. Walnut St., brick store; owner, John Schaus.

BUILDING INTELLIGENCE.

South Boston, Mass. — *Broadway*, near Dorchester St., four-st'y brick and stone stores and tenements, 43′ x 70′, with wing on rear, 15′ x 27′; cost, about $35,000; owner, Stebbins estate; builders, Clark & Lee; architect, Tristram Griffin, Boston.

TENEMENT-HOUSES.

St. Louis, Mo.—Two-st'y brick tenement-house; cost, $7,000; owner, Anton Laux; contractor, F. Mueller.

MISCELLANEOUS.

Newport News, Va. — Bank building to cost about $40,000 will be built by the First National Bank.

New York, N. Y. — *West Twenty-fifth St., No.* 267, three-st'y brick club house, tin roof; cost, $9,000; owner, Henry C. Miner, 115 East Thirty-fourth St.; architect, Walter O. Hornum, 150 East One Hundred and Twenty-fifth St.

Sheridan Ave., e s, 890′ n One Hundred and Forty-ninth St., one-st'y brick storage house, peak, slate roof; cost, $20,000; owners, N. Y. C. & H. R. R. R. Co., 15 West Forty-seventh St.; architect, Walter Katte, Grand Central Depot.

Philadelphia, Pa.—*North Second St., No.* 516, porch; owner, L. S. Weslen.

Walnut St., No. 265-267, shed; owner, Charles Johnson.

James St., n Bridge St., one-st'y mill; contractor, R. C. Winnals.

Cottage St., cor. Heiskill St., one-st'y ice-house; contractor, Arthur Freestone.

North Second St., No. 124, one-st'y shop; owner, C. B. Porter.

South St., No. 1207, one-st'y bottling house; owner, Augustus Reinstein.

Wiley St., e Nineteenth St., one-st'y shop; owner, W. R. Dougherty.

PROPOSALS.

Proposals for Terra-cotta. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., June 9, 1891. Sealed proposals for furnishing and delivering the hollow brick or terra-cotta floor-blocks and iron girder protection required for the second-story floor of the Building for Library of Congress, in this city, will be received until 2 o'clock P. M. on Monday, the 29th day of June, 1891 and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be had on application to this office. BERNARD R. GREEN, Superintendent and Engineer. 809

PROPOSALS.

May 27, 1891. Sealed proposals will be received at the office of the Supervising Architect Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of June, 1891, for supplying and delivering at freight-depot at place of designation, the post-office lock-boxes, lock-drawers, locks, pulls, plates, etc., for United States Public Buildings, in accordance with specification, as may be ordered during the fiscal year ending June 30, 1892. Copies of the specification and any additional information may be had on application at this office. Each bid must be accompanied by a certified check for $100. The Department reserves the right to reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Lock-boxes, Lock-drawers, Locks, Pulls, Plates, etc., for the United States Post-offices," and addressed to W. J. EDBROOKE, Supervising Architect. 808

May 25, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of June, 1891, for all the labor and materials, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Post-office, etc., building at Dayton, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Dayton, Ohio. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Post-office, etc., building at Dayton, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 808

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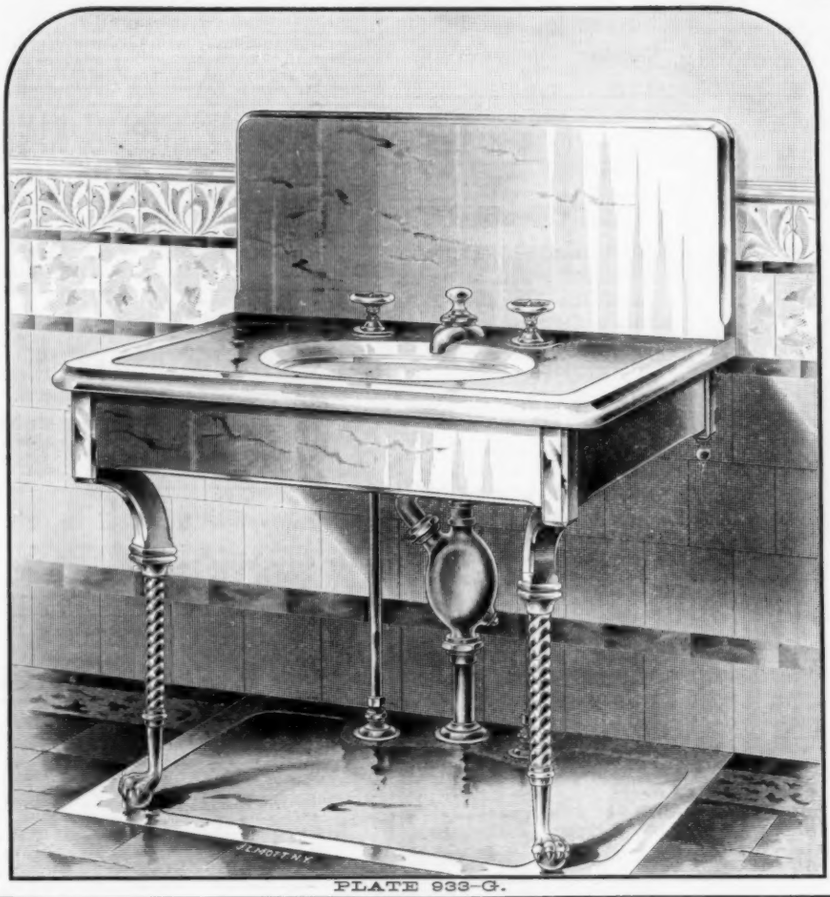

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[*See Alphabetical Index on page IX for Pagination.*]

Classified Advertisements.

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Architect's Materials.
A. S. Aloe & Co., St. Louis, Mo. (mon)
Frost & Adams, Boston. (eow)

Artificial Stone.
Wehn Pavement Co., New York, N. Y. (eow)

Asbestos.
Asbestos Packing Co., Boston, Mass.
Chalmers-Spence Co., New York. (eow)

Asbestos Felt & Boiler Coverings.
H. W. Johns M'f'g Co., New York.

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E. H. Wootton, New York.

Asphalt Roofing.
Warren Chemical & M'f'g Co., New York.

Awning-blind Fixtures.
Cary M'f'g. Co., Mechanicsville, N. Y. (eow)

Basin Cocks.
Stebbins Mfg. Co., Brightwood, Mass. eow

Bath-Tub.
Miller & Coates, New York.
J. L. Mott Iron Works, New York.
Standard M'f'g. Co., Pittsburgh, Pa. (eow)

Bells. Blake Bell Co., Boston, Mass.

Blinds (Awning).
Baltimore Blind & Awning Co., Baltimore, Md.

Blue Paper.
Philadelphia Blue Print Co., Phila., Pa. (mon)

Board Measure Table.
C. L. Rogers. Milton, Pa.

Boilers.
Babcock & Wilcox Co., New York.
Button Boiler Co., Waterford, N. Y. (eow)
Gorton & Lidgerwood Co., New York. (eow)
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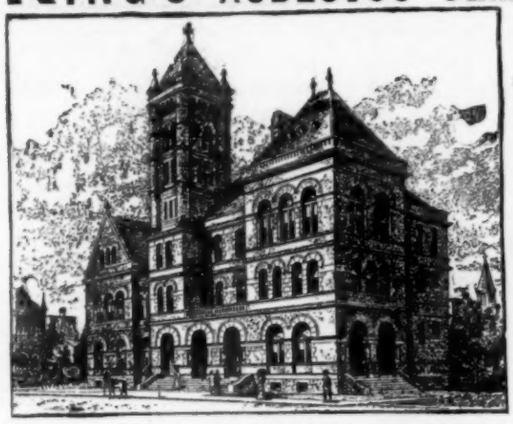

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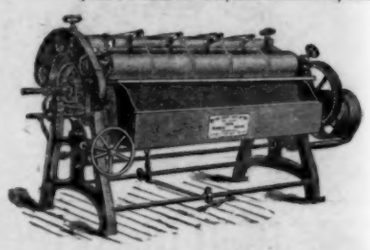

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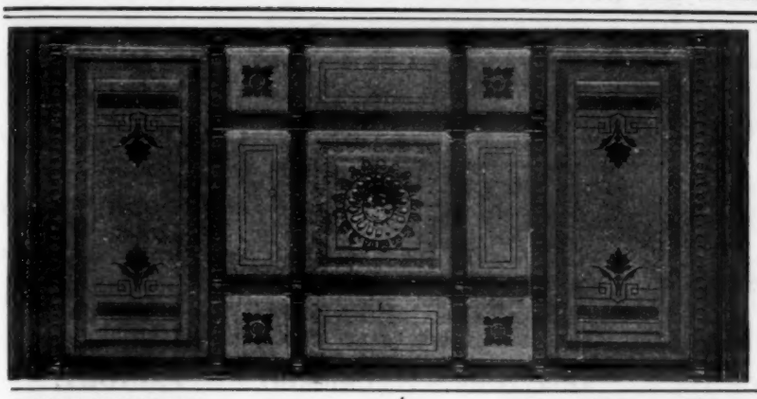

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	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)		*(Prices to Builders and Contractors.)*	
LUMBER.—₱ M.				
Boards: *(Ordinary dimensions.)*				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 00 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	32 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	25 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	14 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 15 @ 2 25	2 25 @ 2 50	*Not sold.*	2 30 @ 3 0
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	(30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	(24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	(20" 35 @ 14
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. *(First Qual.*				
Ash *(Kiln-dried.)*	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	37 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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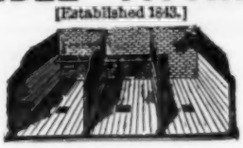

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2. Subscription to the Imperial or International Edition must be prepaid *in full* direct to the publishers.
3. At the time of filing notice of intention to compete, the applicant must be between the ages of twenty and twenty-five years. It is desirable that notice should be filed with the editors before May 15, 1891.
4. The applicant must have served for at least two years in offices of members of the American Institute of Architects, or of the Western Association of Architects. A graduate's diploma granted by a technical school will be accepted in lieu of one of these years of office-work.
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   a. Drawing—free hand and mechanical.
   b. Architectural Design.
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   d. History of Architecture.
   e. English Composition.
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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*				In Yard.
Pale	2 00 @ 2 50	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 5 25	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 00 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Fronts:		20 00 @ 22 00	@ 27 00	Red " @ 13 00
Croton, Brown	@ 13 00	Philadelphia }		Dark " @ 13 00
" dark	@ 14 00	40 00 @ 45 00 }		Pressed @ 13 00
" red	@ 14 00	Phila. mould }		Best Paving 18 00 @ 20 00
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	Second " @ 14 00
" Moulded			65 00 @ 350 00	Third " @ 13 00
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Dom. { @ 65 / @ 85
Trenton	22 00 @ 23 00		45 00 @	
Milwaukee			25 00 @	
Moulded:			60 00 @ 100 00	
Glens Falls Red Pressed	@ 37 00		30 @	
" " Buff "	@ 30 00		35 @	
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	
Enamelled (edge and end)	90 00 @115 00		@ 120 00	
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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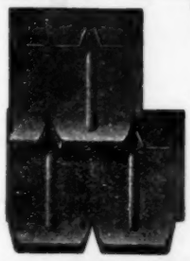

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BUILDING MATERIALS.	New York.	Boston.	Chicago.	Philadelphia.
Mortar Colors.	*(Wholesale Prices.)*	*(Prices to Builders and Contractors;)*		
Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: ℔ *sq. ft.*				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ... ℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gall.)	55 @ 62	51 @ 52	57 @ 60	@ 60
" " boiled. (℔ gall.)	58 @ 65	54 @ 55	60 @ 63	@ 63
Turpentine (℔ gall.)	38 @ 39	42 @ 43	51 @ 51	@ 44
Varnish, coach (℔ gall.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gall.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting, dry	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am dry	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt) dry	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " dry	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4″ x 4″ ... (℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	@ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish ... (℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards.)	@	@	@	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6¼
Sheet Lead	@	@ 7	@ 6½	6 @ 6
Lead Pipe				
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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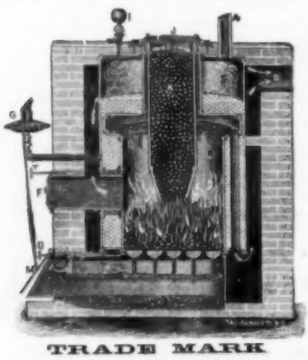

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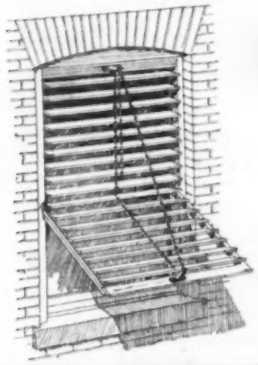

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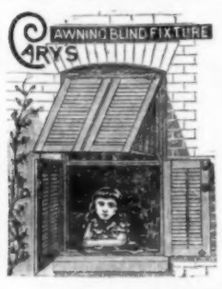

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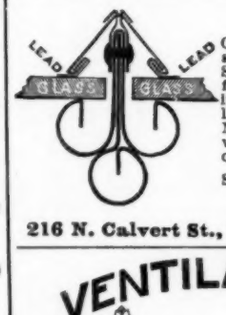

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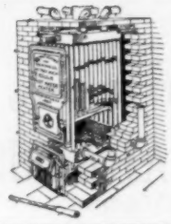

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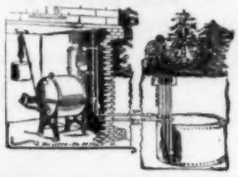

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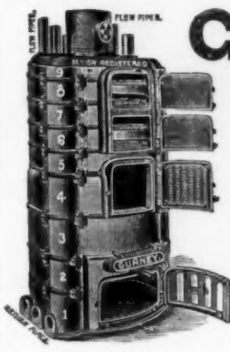

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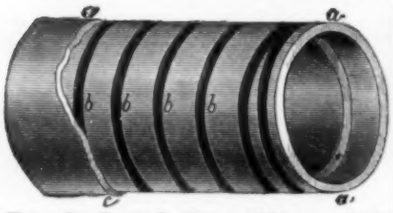

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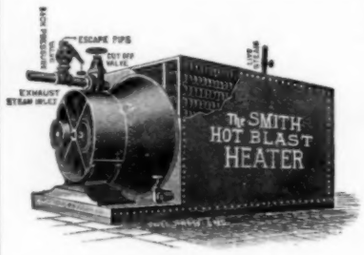

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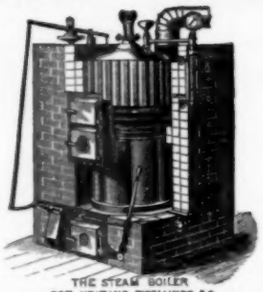

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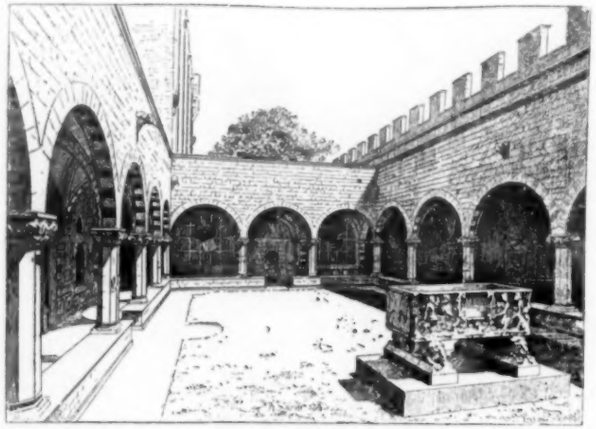

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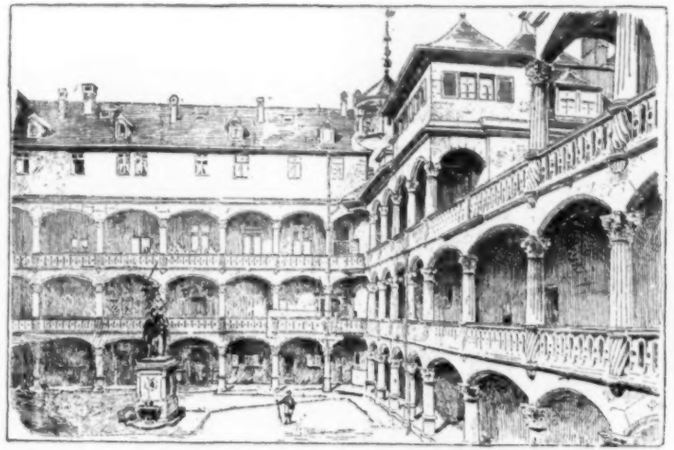

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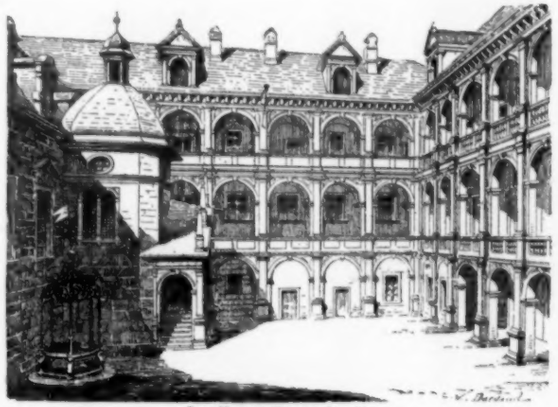

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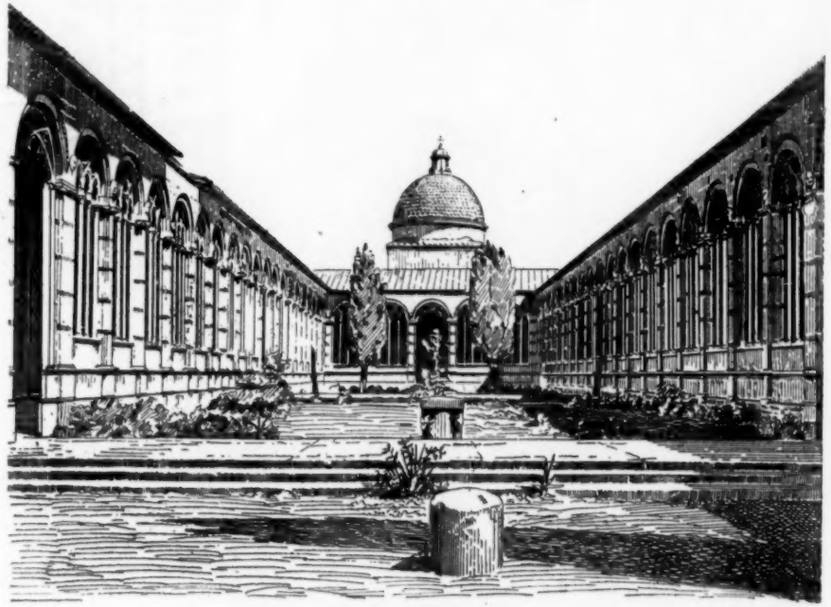

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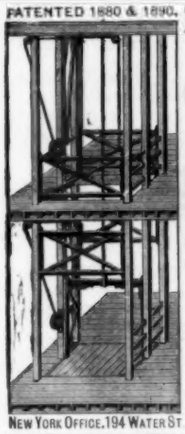

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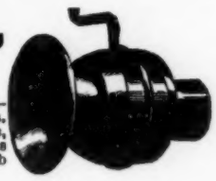

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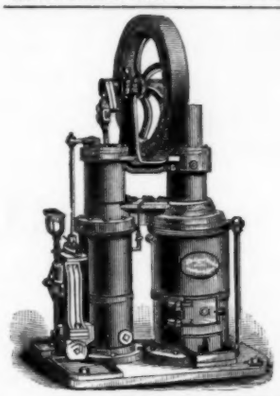

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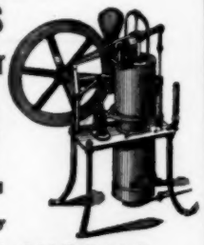

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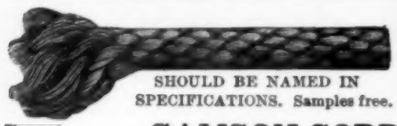

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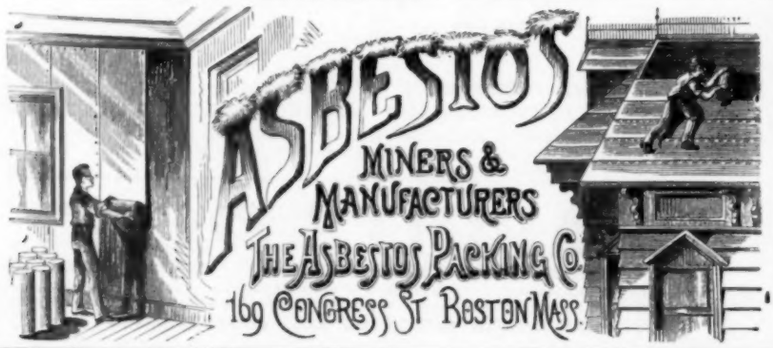

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453,638. Ventilator. — George W. Howe, Washington, Iowa.

453,640. Shutter-Operating Device. — Walter C. Jarvis, Kansas City, Mo.

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453,794. Plumb-Level. — John Poet, Anderson, Ind.

453,803. Hinge.—Friedrich A. H. Faulhaber and Christoph F. Koch, Schwabisch Hall, Germany.

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From Amsterdam. — Steamer "*Amsterdam*," 2,000 casks cement, order.

From Antwerp. — Steamer "*Westernland*," 1,500 barrels cement, M. Ebert; 2,535 do., order. Steamer "*Chicago*," 2,696 barrels cement, order.

From Buenos Ayres. — Schooner "*Haroldine*," 63 logs cedar, Baring Bros. & Co.

From Copenhagen.—Steamer "*Island*," 500 barrels cement, H. Marquardt & Co.

From Fowey. — Bark "*British America*," 100 casks Cornwall stone, Hammill & Gillespie.

From Glasgow. — Steamer "*Circassia*," 27 cases granite, W. C. Townsend; 47 barrels cement, Henderson Bros.; 11 blocks freestone, order. Steamer "*Pomeranian*," 2 cases granite, Taylor Marble and and Granite Works; 6 do., E. M. Wolff & Co.; 75 do., Austin, Baldwin & Co.; 10,500 fire-bricks, 7 casks bricks, order.

From Hamburg. — Steamer "*Winchester*," 1,999 barrels cement, order.

From Hull. — Steamer "*Hindoo*," 213 casks bricks, Meeker & Carter; 62 bales cow-hair, Friedheim & Co.; 81 bales cattle-hair, Lazard Freres.

From Leghorn. — Steamer "*Caledonia*," 777 tiles marble, 333 slabs do., Davidson & Sons; 40 cases do., order.

From Liverpool. — Steamer "*Italy*," 379 casks bricks, order.

From Marseilles.—Steamer "*Gergovia*," 500 barrels cement, James Brand. Steamer "*Caledonia*," 7 blocks marble, order.

From Nuevitas.— Brig "*Harriet G.*," 721 logs cedar, Mosle Bros.

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From St. John, N. B.—Schooner "*Leading Breeze*," 800 barrels lime, Scannell Bros.

From Vera Cruz. — Steamer "*Yumuri*," 40 blocks marble, Ellin, Ketson & Co.

From Walton, N. S. — Schooner "*Avon*," 375 tons plaster, J. F. Whitney & Co. Brig "*Christina Moore*," 360 tons plaster, J. F. Whitney & Co.

From Windsor, N. S. — Schooner "*Phœnix*," 700 tons rock-plaster, H. H. Wotherspoon. Schooner "*Davida*," 600 tons lump plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Brooklyn, N. Y. — *Jamaica Ave.*, n s, head of Van Sicien Ave., two-st'y frame dwell., tin roof; two-st'y brick and stone extension, tin roof, internal and other alterations; cost, $3,500; owner, Charles G. Miller, on premises; architect, Edwin J. Coy, 681 Greene Ave.

Concord St., s e cor. Liberty St., four-st'y brick steam-laundry, tin roof, raised two stories and internal alterations; cost, $20,000; owner, John P. Taaffe, Concord and Liberty Sts.; architect, Carl F. Eisenach, 59-61 Court St.

Hancock St., No. 168, three-st'y brick dwell., tin roof, raised one story, one-st'y brick extension, tin roof; cost, $4,500; owner, Jere Johnson, on premises; architect, Montrose W. Morris, 45 Exchange Pl., New York City.

Charlestown, Mass. — Extension of north wing of State Prison; brick and stone; dimensions, 56.9' x 134.4'; architects, Hartwell & Richardson, Boston.

Architectural Books.

[Any book in this list will be forwarded, carriage paid, on receipt of the price by the advertiser.
N. B. Messrs. Ticknor & Co., handle only their own publications].

ARCHAEOLOGY.

LANCIANI, RODOLFO, $6.00
"*Ancient Rome in the Light of Recent Discoveries.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

BIOGRAPHY.

VAN RENSSELAER, MRS. SCHUYLER, $20.00
"*Henry Hobson Richardson.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

CARPENTRY.

TREDGOLD, THOS., $5.00
"*Elementary Principles of Carpentry.*"
Revised by Hurst.
New York (12 Cortlandt St.): E. & F. N. Spon.

CHURCHES.

WICKES, CHARLES, $15.00
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CONSTRUCTION.

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Boston (211 Tremont St.): Ticknor & Co.
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"*Building Superintendence.*" Cuts.
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COLLING, J. K. $10.00
"*Art Foliage.*" Plates only.
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CROWNINSHIELD, FREDERIC $3.00
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HALLATT, G. W. T., $0.60
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WARE, WILLIAM R., PROFESSOR, $5.00
"*Modern Perspective.*"
Boston (211 Tremont St.): Ticknor & Co.

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"*Architectural Examples in Brick, Stone, Wood, and Iron.*"
New York (12 Cortlandt St.): E. & F. N. Spon.
YOUNG, WM., $10.00
"*The Municipal Buildings, Glasgow.*"
20 Collotype Illus.
New York (12 Cortlandt St.): E. & F. N. Spon.

HAND-BOOKS.

KIDDER, F. E., $3.50
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HEATING.

BALDWIN, WILLIAM S., $2.50
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PUTNAM, J. PICKERING $4.00
"*The Open Fireplace in All Ages.*" Illustrated.
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"*Building and Buildings, Building Contracts, Etc.*"
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MASONRY.

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"*Masonry Construction.*"
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GREENE, CHARLES E., $1.25
"*Graphical Analysis of Roof Trusses.*"
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"*Examples of Iron Roofs.*"
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SANITATION.

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"*Household Sanitation.*" Pamphlet.
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RICHARDS, MRS. E. H., and M. TALBOT $0.50
"*Home Sanitation.*"
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BUILDING INTELLIGENCE.

Jamaica Plain, Mass. — *Chestnut Ave.*, alterations and additions to frame dwell.; owner, R. W. Morville; builder, John H. Kellar; architect, H. M. Stephenson, Boston.

Lynn, Mass. — *Ocean St.*, extensive alterations to frame dwell., Greek style, to cost between $7,000 and $8,000; owner, H. F. Hurlburt; contract to be let; architect, E. A. P. Newcomb, Boston.

Minneapolis, Minn. — S. G. Cook & Co., cor. Hennipen Ave., and Fifth St., rebuilding office-building; cost, $150,000.
St. Joseph's Catholic Church, 1127 Fourth St., n, alterations in church; cost, $6,000.

Philadelphia, Pa.—*Market St., No.* 3412, alteration; owner, James Pinkham.
South Nineteenth St., No. 115, addition; owner, L. R. Page.
North Thirteenth St., No. 315, addition; contractors, James Miller & Bro.
North Thirty-seventh St., No. 54, addition; owner, Wm. Campbell.
Tioga St., No. 177, addition; owner, R. W. Keen.
Richmond St., No. 3017, addition; owner, Kate McGurk.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Monroe St.*, n s, 125' e Marcy Ave., 5 three-st'y brick flats, tin roofs; cost, $6,500 each; owner, George B. Stoutenberg, 391 Jefferson Ave.; architect, Harry A. Sibley, Livingston and Tompkins Aves.

Chicago, Ill. — Frank Kittler, two-st'y flats, 5737 Dearborn St.; cost, $4,500.
Hugh Copeland, three-st'y flats, 303 South Leavitt St.; cost, $11,000.
W. O'Hearne, two-st'y flats, 1073 West Jackson St.; cost, $12,000.
John Franz, two-st'y flats, 881 Spaulding Ave.; cost, $5,000.
B. Hocklenar, three-st'y flats, 527 South Oakley Ave.; cost, $3,500.

BUILDING INTELLIGENCE.

N. D. Little, 2 four-st'y flats, 6107-09 Madison Ave.; cost, $55,000.
T. H. Corbitt, two-st'y flats, 4925 Wabash Ave.; cost, $3,200.
C. J. Pratt, 2 two-st'y flats, 5422-24 Monroe Ave.; cost, $5,000.
Fred Hopkins, 4 three-st'y flats, 3613-17 Ellis Ave.; cost, $20,000.
Samuel Rothschild, three-st'y flats, 3715 Forest Ave.; cost, $7,000.
B. Knopp, two-st'y flats, 1456 Wright St.; cost, $3,000.
P. Maurer, two-st'y flats, 6310 Honore St.; cost, $3,000.
W. H. Petteer, 2 two-st'y flats, 6810-12 South Morgan St.; cost, $3,000.
J. A. Fleming, two-st'y flats, 506 Forty-second Pl.; cost, $5,000.
Martin Johnson, three-st'y flats, 633 Jane St.; cost, $7,000.
Frank Wengierski, three-st'y flats, 574 North Ashland Ave.; cost, $5,000.
Mrs. K. Pursell, two-st'y flats, 167 South Sacramento Ave.; cost, $3,000.
Robert Sleight, three-st'y flats, 52 Homan Ave.; cost, $6,000.
J. Foley, two-st'y flats, 444 Hermitage Ave.; cost, $5,000.
C. J. Carlson, 2 two-st'y flats, 5920-24 Emerald Ave.; cost, $4,000.
Miss Emma Prenty, three-st'y flats, 1017 North Clark St.; cost, $10,000.
Herman Siegal, three-st'y flats, 112 Sheffield Ave.; cost, $3,500.
John T. Thomas, 4 three-st'y flats, 4330-36 Calumet Ave.; cost, $36,000.
Walbury Bros., 2 three-st'y flats, 5552-54 Lake Ave.; cost, $4,500.
James Hannon, two-st'y flats, 4610 Prairie Ave.; cost, $4,500.
John O'Conner, two-st'y flats, 3815 Parnell Ave.; cost, $3,000.

BUILDING INTELLIGENCE.

A. Wolf, three-st'y flats, 427 South May St.; cost, $5,500.
L. Hanson, three-st'y flats, 258 Hudson Ave.; cost, $6,500.
Charles Lank, four-st'y flats, 427 West Thirteenth St.; cost, $5,000.
R. Regnerston, two-st'y flats, 638 Seymour St.; cost, $3,000.
John Patterson, two-st'y flats, 418 Mound Ave.; cost, $3,200.
J. A. Eckstrom, two-st'y flats, 903 Larrabee St.; cost, $5,000.
A. Kuper, three-st'y flats, 264 Sheffield Ave.; cost, $5,500.
John B. Bogneski, two-st'y flats, 637 Fifteenth St.; cost, $3,000.

Minneapolis, Minn. — Mrs. W. H. Chamberlin, three-st'y brick flats, 1223-27 Hennipen Ave.; cost, $21,000.
The New England Association, five-st'y fireproof apartment-house, 206 Fourth Ave., s; cost, $200,000.
M. B. Lennon, Tenth Ave. cor. Seventh St., brick flats; cost, $60,000.

New York, N. Y.—*West Twenty-fourth St., Nos.* 338-340, 2 five-st'y brick flats, tin roofs; cost, $45,600; owner, Justus H. Zimmerman, 11 West One Hundred and Thirty-third St.; architect, Charles Rentz, 153 Fourth Ave.
Essex St., No. 169, five-st'y brick flat, tin roof; cost, $20,000; owner, John V. Campbell, 426 West Twenty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
East Eighty-third St., No. 230, five-st'y brick flat, tin roof; cost, $17,000; owners, Jung & Stegmayer, 213 East Eighty-ninth St.; architect, Charles Stegmayer, 306 East Eighty-second St.
East Eighty-seventh St., No. 62, five-st'y brick flat, tin roof; cost, $20,000; owner, Marie Neckermann, 412 East Eighty-second St.; architect, Edward Wenz, 1491 Third Ave.
Seventh Ave., n w cor. Twenty-seventh St., six-st'y brick flat, tin roof; cost, $125,000; owner, William Rohrig, Mt. Vernon; architect, L. F. J. Weiher, Jr., 14 East Seventy-sixth St.

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BUILDING INTELLIGENCE.

Bradhurst Ave., s e cor. One Hundred and Forty-third St., 4 five-st'y brick flats, tin roofs; cost, $65,000; owner, George F. Eschwei, 1936 Third Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and Twenty-fourth St., s s, 125′ w Third Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, Ellen Hyde, 152 East One Hundred and Twenty-fourth St.; architect, Jno. A. Hyde, 152 East One Hundred and Twenty-fourth St.

Twenty-fourth St., n s, 125′ e First Ave., five-st'y brick flat, plastic slate roof; cost, $17,000; owner, John P. Banta, 120 East One Hundred and Fifteenth St.; architect, F. T. Camp, 177 Broadway.

Oliver St., No. 41, five-st'y brick flat, tin roof; cost, $16,000; owners, Weil & Meyer, 227 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.

One Hundred and Fourteenth St., n s, 495′ w Fifth Ave., 3 five-st'y brick flats, tin roofs; cost, $60,000; owners, Peter Birringer and Emie Haensgen, 527 East Eighty-fifth St. and 1688 Park Ave.

Eighty-ninth St., n s, 16′ 2″ w Madison Ave., 2 five-st'y brick flats, tin roofs; cost, $42,500; owner and architect, Thomas Graham, 20 East Ninth St.

Sixty-eighth St., n s, 215′ e Eleventh Ave., 2 four-st'y brick flats, tin roofs; cost, $42,500; owner, P. M. Morron, 413 East Eighty-third St.; architect, Thomas Graham, 1259 Madison Ave.

Eighty-ninth St., n s, 113′ 4″ w Madison Ave., 2 five-st'y brick flats, tin roofs; cost, $48,000; owners, Carrell & Lange, 288 Brown St. and 785 Eleventh Ave.; architect, Louis Heinecke, 162 Bowery.

Eighth Ave., from Fifteenth to Sixteenth Sts., 8 five-st'y brick flats, tin roofs; cost, $128,000; owners, Weil & Meyer, 228 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.

Ninth Ave., n w cor. Forty-fifth St., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Henry Stube, 415 West Forty-fifth St.; architect, James W. Cole, 403 West Fifty-first St.

BUILDING INTELLIGENCE.

Worcester, Mass.—*Pleasant St.*, four-st'y brick and stone apartment block; owners and contractors, Miles & Houck; architect, W. H. Harvey.

CHURCHES.

Basic City, Va.—The Methodists will build a church, to cost $10,000.

Charlotte, N. C. — The Second Presbyterian Church will build an edifice, to cost about $30,000.

Dyersburg, Tenn.— The Cumberland Presbyterians will build a church, to cost about $12,000.

Gadsden, Ala. — The Baptists contemplate building an edifice, to cost $15,000.

Georgetown, Texas. — A church, to cost $15,000 will be built by the Methodists.

Lynchburg, Va. — An edifice will be built by the Episcopalians, to cost about $60,000.

Maysville, Ky.—The Methodist Episcopal Church South will build an edifice, to cost $20,000.

Roanoke, Va. — A new edifice for St. Andrew's Catholic Church, to cost about $30,000, is in contemplation.

Sherman, Texas. — The First Baptist Church will build a $10,000 brick church.

FACTORIES.

Brooklyn, N. Y. — *Stuyvesant Ave.*, n w cor. Van Buren St., four-st'y brick shoe factory, gravel roof; cost, $10,000; owner, Wm. Nagle, 39 Van Buren St.; architect, Wm. H. Doughty, 936 De Kalb Ave.

New York, N. Y. — *New Chamber St. and Roosevelt St., No.* 76, six-st'y brick factory, tin roof; cost, $20,000; owner, Samuel Goetz, 105 East Ninety-first St.; architect, Richard Berger, 100 Leonard St.

Eleventh St., Nos. 311-315, three-st'y brick factory, tin roof; cost, $20,000; owner, Henry W. Erichs, 153 Second Ave.; architect, Fred Ebeling, 3 First Ave.

Avenue A, Nos. 366-370, *and East Twenty-third St., Nos.* 502-504, one-st'y brick factory, tin roof; cost, $10,000; owner, estate of J. L. Brower, 161 West Eighty-first St.; architects, Paul & Asche, Brooklyn, N. Y.

Ninety-fifth St., s s, 200′ e Second Ave., four-st'y brick factory, tin roof; cost, $25,000; owner, James Kilpatrick, 201 West Ninety-fifth St.; architect, John Hauser, 1441 Third Ave.

Avenue A, Nos. 334-336, one-st'y brick factory, peak galvanized iron and slate roof; cost, $7,500; owners, Consolidated Gas Co., 4 Irving Pl.

Minneapolis, Minn. — Bemis Bros., 612-616 South Fourth St., brick factory; cost, $55,000.

HOTELS.

Chicago, Ill. — John W. Trainor, two-st'y hotel, 5556-5558 Lake Ave.; cost, $10,000.

Minneapolis, Minn.—R. F. Sample, 18 South Fourth St., four-st'y brick and stone hotel; cost, $15,000.

New York, N. Y. — *Fifth Ave.*, s w cor. Eighteenth St., twelve-st'y fireproof apartment hotel; owner, Marquis de Crosic; architects, Hubert Pierson & Hoddick.

HOUSES.

Baltimore, Md. — A. Schultz, 2 three-st'y brick buildings, n s Aliceanna St., bet. Castle and Chester Sts.

John Hert, 3 two-st'y brick buildings, n s Jefferson St., w Madeira Alley.

George H. Riall, 8 two-st'y brick buildings, e s Division St., n Baker St.; 12 two-st'y brick buildings, n s Baker St., beg. n e cor. Division St.; and 17 two-st'y brick buildings, w s Etting St., n Baker St.

Walter W. Watts, 10 two-st'y brick buildings, w s Chester St., beg. s w cor. Townsend St.

Chas. Fischer, three-st'y brick building, e s Dallas St., bet. Lancaster and Thames Sts.

H. Burger, three-st'y brick building, n s Aliceanna St., bet. Durham and Wolfe Sts.

B. H. Hayes, 2 two-st'y brick buildings, e s Bethel St., n McElderry St.

Jno. M. Getz, 4 two-st'y brick buildings, e s Aisquith St., s Lanvale St.

Henry Westfall, 20 two-st'y brick buildings, n and s s Argyle Ave.; 10 two-st'y brick buildings, w s Ann St.; and 10 two-st'y brick buildings, e s Register St., bet. Oliver and Federal Sts.

G. W. Starr, 2 three-st'y brick buildings, s s Biddle St., w Park Ave.

Jacob H. Aull, 11 two-st'y and mansard roof stone buildings, e s Barclay St., bet. Three-and-one-half and Fourth Sts.

Belmont, Mass. — *Payson Park*, frame dwell., 34′ x 44′; owner and builder, W. C. Johnson; architect, E. A. P. Newcomb, Boston.

Boston, Mass.—*Meridian St.*, cor. Falcon St., Ward 1, frame dwell., 23′ x 55′; owner, H. B. Butler; builders, Hatt & Rogers.

Wheatland Ave., No. 67, Ward 24, frame dwell., 27′ x 32′; owner, A. D. Smith; builder, H. G. Smith.

Hillside St., near Parker Hill St., Ward 22, three-st'y frame dwell., hip roof, 25.9′ x 41′; owner, Bartholomew Hickey; builder, J. H. Pineo.

Hillside St., near Parker Hill Ave., Ward 22, three-st'y frame dwell., hip roof, 25.9′ x 41′; owner, John Crane; builder, J. H. Pineo.

Falcon St., near Putnam St., Ward 1, three-st'y frame dwell., flat roof, 21′ x 43.6′; owner, Margaret Dwyer; builder, John Dwyer.

Brooks St., No. 68, Ward 1, three-st'y frame dwell., flat roof, 20′ x 44.6′; owner, Joanna McCabe; builder, W. Goodwin.

Silver St., No. 109, Ward 13, three-st'y frame dwell., flat roof, 22′ x 35′; owner, Peter Mahan; builders, Howard Bros.

Clayton St., near Commercial St., Ward 24, 2 frame dwells., each 24′ x 28′; owner, S. B. Pierce; builder, W. J. Jobling.

Lauriat Ave., cor. Tucker St., Ward 24, three-st'y frame dwell. and store, flat roof, 24′ x 48′; owner, Frank Gallineaux; builder, Arthur J. Brennan.

Winthrop St., No. 57, Ward 21, frame dwell., 30′ x 48′; owner, M. E. Austin; builders, Goodwin Bros.

Pynchon St., near New Heath St., Ward 21, three-st'y frame dwell., 23′ x 40′; owner, A. O'Neil; builder, William S. Cole.

Longwood Ave., No. 48, *rear*, Ward 22, three-st'y frame dwell., 23′ x 33′; owner, John H. Greim; builder, Jacob Luippold.

Walden St., near Minden St., Ward 22, three-st'y frame dwell., 23′ x 42′; owner, Matthew O'Donnell; builder, M. J. O'Brien.

Warren St., No. 39, Ward 21, three-st'y frame dwell., 20′ x 70.6′; owner, Robert C. Nichols; builder, E. N. Chapman.

Lawrence St., No. 49, Ward 5, three-st'y frame dwell., 22.6′ x 27.6′; owner, James Carney; builders, Donovan & Brock.

Centre St., near Louder's Lane, frame dwell., Ward 23, 42′ x 44′; owner, J. G. Cross; builder, M. F. Reynolds.

Pleasant Pl., near Savin Hill Ave., Ward 24, frame dwell., 30.9′ x 34.9′; owner, Susan E. McKechnie; builder, B. F. McKechnie.

James St., near Poplar St., Ward 23, frame dwell., 23′ x 32.6′; owner and builder, Joseph W. Brown.

Granger St., near Amory St., Ward 23, three-st'y frame dwell., flat roof, 24′ x 45′; owner, Bernard Posse; builder, P. Schneider.

Tileston Ave., near Walk Hill St., Ward 24, frame dwell., 22′ x 44′; owner, Frank Hill; builder, J. B. Whidden.

East Fourth St., No. 867, Ward 14, three-st'y frame dwell., 22′ x 64′; owner, Mrs. H. M. McKay; builder, William T. Eaton.

Thornley St., No. 24, Ward 24, frame dwell., 25.4′ x 34′; owner, Josephine C. Leahy; builder, George W. Hamilton.

East Fifth St., Nos. 643-645, Ward 14, 2 three-st'y frame dwells., 25′ x 65′; owner, Warren F. Hall; builders, Berry & Watson.

East Fifth St., No. 647, *rear*, Ward 14, three frame dwells., flat roof, 21.6′ x 30′; owner, Warren F. Hall; builders, Berry & Watson.

Albano St., near Clifton St., Ward 23, three frame dwells., 24′ x 32′; owner and builder, Joseph W. Brown.

Forest Hill St., off Peter Parley Road, frame dwell., 29′ x 30′; owner, Horace Barrows.

Poplar St., near Hilburn St., Ward 23, frame dwell., 21′ x 29′; owners, Home Building Company; builder, Alex. Rogers.

Brookford St., cor. Dromey Ave., Ward 20, frame dwell., 21′ x 38′; owner, Michael Kenney; builders, Howard Bros.

Prospect St., cor. Sherwood St., Ward 23, frame dwell., 29.6′ x 38′; owner, L. C. Hancock; builders, Sittig Bros.

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Walter St., near South St., Ward 23, frame dwell., 23′ x 33′; owner, Simon Singer; builders, McLeod & Chappelle.

Dakota Ave., near Holborn St., Ward 21, three frame dwells., 23′ x 33′, 26.10′ x 36′, 27.2′ x 33′; owner and builder, Peter Graffam.

Dorchester Ave., Nos. 1122-24, Ward 24, three-st'y frame dwell. and store, flat roof, 25′ x 64′; owner, Delia A. Robinson; builder, W. J. Robinson.

Lawrence Ave., Nos. 27 *and* 28, Ward 24, two frame dwells., 28′ x 40′; owner, Wm. Phipps; builder, E. N. Chapman.

Boston St., cor. East Chester Park, Ward 20, 3 three-st'y frame dwells. and one store, flat roofs, one 23′ x 40′ and two 21′ x 34′; owner and builder, James V. Devine.

Harbor View St., near Sydney St., Ward 24, two frame dwells., 24′ x 42′; owners, Anthony and William Holbrook; builder, C. A. Borden.

Bushnell St., near Beals St., Ward 24, frame dwell., 27′ x 37.6′; owner and builder, J. W. Nisbet.

Julian Ave., near Howard Ave., Ward 20, two frame dwells., 19′ x 42.6′; owner and builder, F. R. Perkins.

Kilton St., near Park St., Ward 24, two frame dwells., 21.6′ x 48′; owner, Mary Carlton; builders, Lynn & Standish.

Murdock St., near Sparhawk St., Ward 25, two-st'y frame dwell., hip roof, 25.9′ x 50′; owner, W. H. Taft; builder, James Muldoon.

Selden St., near Capen St., Ward 24, frame dwell., 24′ x 38.6′; owner, Mrs. Jane Russell; builder, C. A. Russell.

West Third St., No. 132, Ward 13, three-st'y frame dwell., flat roof, 21′ x 36′; owner, Mrs. M. E. Lyons; builder, P. F. Hanlon.

Dean Ave., near Howard St., Ward 20, three-st'y frame dwell., flat roof, 24′ x 50′; owner, Kate M. Walsh; builder, G. W. Hamilton.

Gaston St., No. 24, cor. Dakota Ave., Ward 21, frame dwell., 28′ x 36′; owner and builder, Peter Graffam.

Topliffe St., near Homes Ave., Ward 24, four frame dwells., 22′ x 38′; owner, Sarah Kellar; builder, J. H. Kellar.

Commonwealth Ave., four-st'y brick and stone dwell., with frontage of 51.11½ feet; owner, Thomas E. Proctor; contract to be let; architects, Hartwell & Richardson.

Brighton (Chestnut Hill), Mass.—*Englewood Ave.*, dwell., first story brick, wood above; 33.8′ x 39.2′, with L, 11.4′ x 12.8′; owner, Calvin Austin; builder, Henry P. Oakman; architect, H. M. Stephenson, Boston.

Brookline, Mass. — *Kilsyth St.*, frame dwell., 29′ x 64.5′; owner, L. B. Kelley; contract to be let; architects, Hartwell & Richardson, Boston.

Buckminster Road, frame dwell.; owner, William Whiting; builder, Mr. Neale; architects, Hartwell & Richardson, Boston.

Aspinwall Ave., frame dwell., 40′ x 47′; owner, Richard Johnson; contract to be let; architect, E. A. P. Newcomb, Boston.

Brooklyn, N. Y. — *Lafayette Ave.*, n s, 22′ e Marcy Ave., 2 three-st'y brick dwells., tin roofs; cost, abt. $8,000; owner, Clinton Stephens, 629 Lafayette Ave.; architect, E. W. Phillips, 543 Greene Ave.

St. Marks Ave., n s, 165′ w Rochester Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, Henry Meyer, 171 Wyckoff St.; architect, Mr. Dorsey, Herkimer St.

BUILDING INTELLIGENCE.

Bushwick Ave., w s, 83′ s Kossuth Pl., three-st'y frame dwell., tin roof; cost, $4,000; owner, Ludwig Levy, Ewen St., near Johnson Ave.; architect, Henry Vollweiler, 486 Hart St.

Bleecker St., s s, 83′ 4″ w Knickerbocker Ave., 6 three-st'y frame dwells., tin roofs; cost, $4,200; owner, architect and builder, Charles Aichmann, 295 Wyckoff Ave.

Belmont Ave., s s, 100′ e Schenck Ave., 3 two-st'y frame dwells., tin roofs; cost, $1,800 each; owner, J. H. Kenny, Hendrix St., near Eastern Parkway; architect, Charles Infanger, 68 Van Siclen Ave.

Seventeenth St., n s, 280′ w Tenth Ave., two-st'y brick dwell., tin roof; cost, $3,400; owner, Ernest Friederich, 527 Eighteenth St.; architect, W. H. Wirth, 358 Seventeenth St.

Twelfth St., n s, 150′ e Fourth Ave., 8 three-st'y brick dwells., tin roofs; cost, $4,000 each; owner, A. G. Calder, 420 Eighth St.; architect, W. H. Calder, 420 Eighth St.

Halsey St., n s, 100′ e Patchen Ave., 2 two-st'y brick dwells., tin roofs; cost, $8,000; owner, Hiram Bedell, 26 Court St.; architect, Lincoln A. Virtue, Broad St., Newark, N. J.

Gates Ave., s s, 100′ n East Irving Ave., three-st'y frame dwell., tin roofs; cost, $4,200; owners, architects and builders, Burkard & Dreher, 295 Wyckoff Ave.

Arlington Ave., s s, 50′ e Cleveland St., two-st'y frame dwell., shingle roof; cost, $3,000; owner, Chas. E. Berington; architect, A. J. Warren, 2583 Atlantic Ave.

Forty-fifth St., s s, 300′ e Third Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,800 each; owner, Alexander Davidson, Forty-ninth St. and Third Ave.; architect, Thos. Bennett, Forty-ninth St. and Third Ave.

Division St., No. 137, four-st'y brick dwell., tin roof; cost, $8,000; owners, C. Doenecke & Bro., 425 South Fifth St.; architects, J. Boekell & Son, 54 Bond St., New York City.

Nassau Ave., s s, 26′ e Kingsland Ave., 7 two-st'y frame dwells., gravel roofs; cost, $3,300 each; owners, A. & S. Block, Park Ave., New York City; architect, Fred Weber, 211 Manhattan Ave.

Nassau Ave., s s, 22′ w Sutton St., two-st'y frame dwell., gravel roof; cost, $3,350; owner, O. P. Block, Park Ave., New York City; architect, Fred Weber, 211 Manhattan Ave.

Forty-seventh St., n s, 100′ e Fourth Ave., 3 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, S. T. Sherwood, Third Ave. and Fifty-third St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Elizabeth St., n s, 90′ e Van Brunt St., three-st'y frame dwell., tin roof; cost, $4,000; owner, J. Keely, 347 Van Brunt St.; architect, H. Gilvarry, 1 Broadway, New York City.

Pacific St., s s, 115′ e Bedford Ave., five-st'y brick dwell., tin roof; cost, $20,000; owner, Louie F. Seitze, Alhambra Flats; architect, Montrose W. Morris, 45 Exchange Pl.

Jefferson Ave., n s, 89′ w Throop Ave., two-st'y brick dwell., tin roof; cost, $8,000; owner, Henry Grassmann, 840 Hancock St.; architect, C. K. Birdsall, 936 DeKalb Ave.

Fourth St., n s, 297′ 10½″ e Seventh Ave., 5 three-st'y brick dwells., tin roofs; cost, $8,000; owner and architect, R. von Graff, 164 Seventh Ave.

Twelfth St., n s, 97′ w Fifth Ave., 7 three-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Wm. Corrigan, Eleventh St. and Fifth Ave.

BUILDING INTELLIGENCE.

Putnam Ave., n s, 175′ e Patchen Ave., 4 two-st'y brick dwells., tin roofs; cost, $3,500 each; owner, F. J. Mugford, 971A Putnam Ave.; architect, Wm. V. Young, 209 McDonough St.

Bedford Ave., No. 950, *and Spencer St., No.* 234, 2 four-st'y brick dwells., tin roofs; cost, $8,000; owner, N. Lucken, Park and Bedford Aves.; architect, J. Graham Glover, 186 Remsen St.

Cambridge, Mass.—*Linnæan St.*, frame dwell., 27′ x 50′; owner, William B. Draper; builders, Skilton Bros.; architect, J. F. Eaton, Boston.

Chicago, Ill. — Adam Artsaifer, two-st'y dwell., 514 Forty-sixth St.; cost, $5,000.

W. M. Conay, 3 two-st'y dwells., 62-64 Oak Ave.; cost, $14,000.

Mrs. Theresa Mattimi, three-st'y dwell. and barn, 368 Ashland Ave.; cost, $14,000.

W. B. Briggs, 3 two-st'y dwells., 3766, 3800 and 3802 Indiana Ave.; cost, $8,000.

John Hoffman, two-st'y dwell., 1067 Warren Ave.; cost, $6,000.

C. J. Carlson, 2 two-st'y dwells., 5922 and 5926 Emerald Ave.; cost, $3,000.

J. H. Lundgren, three-st'y dwell., Dover and Clark Sts.; cost, $5,000.

F. E. Ballard & Co., three cottages, 5219, 5243 and 5325 Hart Ave.; cost, $4,500.

F. E. Ballard & Co., three cottages, 5220, 5234 and 5238 Florence Ave.; cost, $4,500.

Adolph Loeb, three-st'y dwell., 3622 Grand Boulevard; cost, $13,600.

F. E. Ballard & Co., four cottages, 5143, 5219, 5241 and 5317 Sackett Ave.; cost, $6,000.

B. M. Wells, two-st'y dwell., Meridian and South Sts.; cost, $3,000.

S. F. Marchout, two-st'y dwell., 4491 Oakenwald Ave.; cost, $5,000.

H. M. Ames, two-st'y dwell., Fifty-sixth and Wallace Sts.; cost, $3,000.

H. M. Ames, six cottages, Butterfield Ave. and Forty-ninth St.; cost, $9,000.

H. M. Ames, four cottages, Tripp St. and Courtland Ave.; cost, $6,000.

Dr. G. Truax, two-st'y dwell., 3736 Paulina St.; cost, $3,000.

Duke Bates, two-st'y dwell., Hoyne Ave. and Ninety-sixth St.; cost, $3,000.

Diebelweck & Co., 2 two-st'y dwells., 6633-6635 Horner St.; cost, $6,000.

Clinton Phelps, 3 two-st'y dwells., Fifty-ninth and Sherman Sts.; cost, $10,500.

Mrs. M. E. Bristol, two-st'y dwell., Bryn St. and Ridge Ave.; cost, $3,800.

Frank D. Hyde, three-st'y dwell., 600-602 North State St.; cost, $20,000.

C. J. Harmon, 2 two-st'y dwells., 1569-1571 Harvard St.; cost, $6,000.

H. B. Owsley, four-st'y dwell., 142 Astor St.; cost, $9,000.

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Harry Ludington, three-st'y dwell., 4831 Kenwood Ave.; cost, $5,000.

Nels. J. Sandberg, three-st'y dwell., 463 Dearborn Ave.; cost, $10,000.

Jamaica Plain, Mass. — *Robeson St.*, frame dwell., 32′ x 52′; cost, about $10,000; owner, George A. O. Ernst; builder, C. H. Mead; architect, E. A. P. Newcomb, Boston.

Lexington, Mass. — Frame dwell.; owner, A. E. Scott; builder, H. H. Hunt; architects; Hartwell & Richardson, Boston.

Melrose, Mass. — Two frame dwells., one 35′ x 37′, other 34′ x 34′; owner, W. H. Greenleaf; contracts to be let; architects, Bryant & Eaton, Boston.

Minneapolis, Minn. — Dr. E. F. & H. E. Clark, 801-803 East Fifteenth St., frame dwell.; cost, $7,000.

North Attleboro, Mass. — Two-and-one-half-st'y frame dwell. for Dr. J. P. Gerould; contractor, George W. Hopkins.

Two one-and-one-half-st'y frame cottages for Wm. H. Riley; contractor, Wilson A. Guild.

Pawtucket, R. I. — Three-st'y frame dwell. for James Irish; contractor, Edward Bigoness.

Two-and-one-half-st'y frame dwell. and store for Mrs. John Donnelly; contractors, Smith & Slocum.

Philadelphia, Pa. — *Orthodox St.*, n s, w Edmund St., two-st'y dwell. and store; contractor, R. C. Winnals.

Tackawanna St., e s, s Orthodox St., 2 two-st'y dwells.; contractor, R. C. Winnals.

North Second St., No. 1014, three-st'y dwell. and store; contractor, G. W. Bright.

School Lane, n s, e Wayne St., 2 three-st'y dwells.; contractor, J. D. Caldwell.

Chew St., n w cor. Walnut Lane, two-st'y dwell.; contractor, W. S. McNabb.

Woodland Ave. and Sixty-third St., 4 two-st'y dwells.; contractor, John Welsh.

Haworth St. and Frankford Ave., 2 two-st'y dwells.; owner, E. H. Allen.

Jasper St., e s, s Somerset St., 3 two-st'y dwells.; owner, Henry Lente.

BUILDING INTELLIGENCE.

Thomas St., e s, n Green St., 2 two-st'y dwells.; owner, Andrew Anderson.

South Fifth St., No. 712, three-st'y dwell. and store; contractor, J. P. Kidd.

Front St., w s, n Somerset St., 6 two-st'y dwells.; contractor, Alex. Miller.

Greenway Ave. and Seventy-first St., two-st'y dwell.; owner, J. E. Stephey.

Morris St., s s, e Thirteenth St., 4 three-st'y dwells.; contractors, Snedden & McKinney.

Dean St., s Morris St., 5 two-st'y dwells.; contractors, Snedden & McKinney.

Thirteenth St., e s, s Morris St., 13 three-st'y dwells.; contractors, Snedden & McKinney.

Riverside, R. I. — Two-st'y frame dwell.; owner and contractor, P. A. Sheldon.

St. Louis, Mo.—Two-st'y frame dwell.; cost, $3,000; owner, C. E. Kelso; contractor, W. H. Abbot.

Waltham, Mass. — Frame dwell.; owner, W. A. Webster; contract to be let; architects, Hartwell & Richardson, Boston.

Wellesley Hills, Mass. — Frame dwell.; owner, John Edmunds; builder, H. H. Hunt; architects, Hartwell & Richardson, Boston.

Worcester, Mass. — *Sutton Road*, two-st'y frame dwell.; owner, Mrs. George E. Cook; contractors, Lavigne Bros.

Clarence St., one-st'y frame dwell.; owner and contractor, G. A. Brigham; architects, Patstone & Lincoln.

John St., one-st'y frame dwell.; owner, W. H. Delong; contractor, J. P. Taber.

Colburn Ave., one-st'y frame dwell.; owner and contractor, W. E. Brosnihan.

Park Ave., three-st'y frame dwell.; owner, J. P. Hill; contractors, Richardson & Thayer.

Clarence St., three-st'y frame dwell.; owner, G. A. Crane; contractor, A. H. Parsons.

James St., one-st'y frame dwell.; owner, Rhiss Llewellyn; contractor, Thomas Wilding.

Autumn St., two-st'y frame dwell.; owner and contractor, C. A. King.

Barbour St., two-st'y frame dwell.; owner, B. Hanson; contractors, Peters & Craft.

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Dalias, Texas. — The Texas & Pacific Railroad Co. will build five-st'y office-building and freight depot; cost, $70,000.

St. Louis, Mo. — Ten-st'y brick office-building; cost, $450,000; owners, Wainwright R. E. Co.; contract, sub-let.

Two-st'y brick office and factory; cost, $23,000; owner, Mo. P. R. R.; contractor, S. H. Hoffman.

PUBLIC-BUILDINGS.

Greenville, Miss.—McDonald Bros., Louisville, Ky., have prepared plans for a court-house for Washington Country; cost, abt. $75,000.

RAILROAD BUILDINGS.

Charlton, Mass. — Granite and sandstone railway station; cost, $7,365; owners, Boston & Albany Railroad; builder, Charles H. Dodge; architects, Shepley, Rutan & Coolidge, Boston.

Warren, Mass.—Granite and sandstone railway station; cost, $10,323; owners, Boston & Albany Railroad; builder, Charles H. Dodge; architects, Shepley, Rutan & Coolidge, Boston.

SCHOOL-HOUSES.

Baltimore, Md.—New building for School No. 19 to cost $35,000 will be erected.

Worcester, Mass. — *Winter St.*, three-st'y brick and stone parochial school; owners, St. John's Church Society; contractor, P. D. Sexton.

STABLES.

Boston, Mass. — *Heron St., rear*, near Washington St., Ward 23, one-st'y frame stable, pitch roof, 16′ x 20′; owner, Mary G. Mack; builder, T. E. Mack.

North Harvard St., near Cambridge St., Ward 25, one-st'y frame stable, 25′ x 32′; owner, Frank H. Coolidge; builder, Charles Hampton.

Brooklyn, N. Y. — *New York Ave.*, e s, 100′ n Park Pl., one-st'y brick stable, slate roof; cost, $4,500; owner, Richard Major, De Kalb and Tompkins

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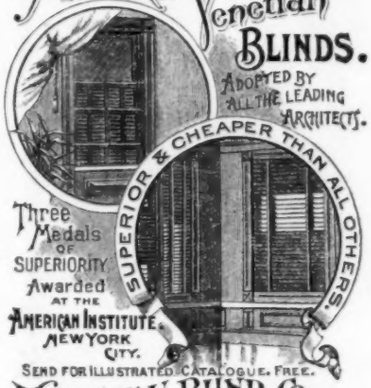

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W. C. Goudy, three-st'y barn, 238 Goethe St.; cost, $10,000.

Philadelphia, Pa. — *South St., No.* 6119, one-st'y stable; owner, R. Gamble.

Fifty-eighth St., s Woodland Ave., one-st'y stable; owner, William Turner.

Cherry St., w s, s Erie Ave., two-st'y stable; contractor, James Mole.

Wharton St., s s, w Nineteenth St., stables and three-st'y car depot; owners, Philadelphia Traction Company.

Leiper and Unity Sts., stable; contractor, Hugh O'Neill.

Powelton Ave., No. 3618, two-st'y stable; contractors, Griffith & Gault.

Somerville, Mass.—*Raymond Ave.*, near Curtis St., frame stable, 20′ x 24′; owner, Mr. J. A. C. Knapp; builder, Mr. Knight.

Linwood St., No. 139, *rear*, frame stable, 30′ x 40′; owner, Eva T. Christie.

Williams St., near Elm St., frame stable, 28′ x 30′; owner and builder, Charles H. Lockhart.

Somerville Ave., No. 288, *rear*, frame stable, 40′ x 65′; owner, L. H. Brown; builder, T. B. Blaikie.

Pearl St., frame boarding stable, 75′ x 90′; owner, and builder, Robert Duddy.

Worcester, Mass.—*Lamartine St.*, one-and-one-half-st'y frame stable; owner and contractor, T. A. Riley.

East Worcester St., one-st'y frame carriage shed; owner, J. Godenelle; contractor, J. Cahill.

Autumn St., one-st'y frame stable; owner and contractor, C. A. King.

Ellsworth St., one-st'y frame barn; owner, James Dulligan; contractors, Union Building Co.

STORES.

Brooklyn, N. Y.—*Rockaway Ave.*, w s, 400′ n Eastern Parkway, 2 three-st'y frame stores and dwells., tin roofs; cost, $4,200; owner, Bernhard Pink, 76 Pennsylvania Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Evergreen Ave., w s, 50′ s Schaefer St., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000; owner, William G. Weber, 1327 Bushwick Ave.; architect, Henry Vollweiler, 486 Hart St.

BUILDING INTELLIGENCE.

Osbourne Ave., s e cor. Sutter Ave., 4 three-st'y frame stores and dwells., tin roofs; cost, $5,800 each; owner, Onorris Onax, Eastern Parkway.

Watkins St., w s, 100′ s Eastern Parkway, 2 three-st'y frame stores and dwells., tin roofs; cost, $5,800 each; owner, Morris Max, Osbourne St.

Thatford St., e s, 225′ s Eastern Parkway, three-st'y frame store and dwell., tin roof; cost, $4,500; owners, Sonelson & Ronginski, Watkins St.

Nassau Ave., s w cor. Kingsland Ave., three-st'y frame store and dwell., gravel roof; cost, $5,000; owners, A. & G. Block, Park Ave., New York; architect, Fred Weber, 211 Manhattan Ave.

Nassau Ave., s e cor. Sutton St., three-st'y frame store and dwell., gravel roof; cost, $4,600; owners, A. & G. Block, Park Ave., New York; architect, Fred Weber, 211 Manhattan Ave.

Sutter Ave., s s, 25′ e Watkins St., three-st'y frame store and dwell., tin roof; cost, $5,500; owner, Hyman Moskomitz, Watkins St.

Decatur St., s e cor. Saratoga Ave., four-st'y brick store and dwell., tin roof; cost, $12,000; owner, Samuel R. Good, 507 McDonough St.; architects, Amzi Hill & Son, 1225 Bedford Ave.

Blake Ave., n e cor. Linwood St., three-st'y frame store and dwell., tin roof; cost, $6,000; owner, C. Huttenlocker, Blake Ave., near Essex St.; architect, Louis F. Schillinger, Liberty Ave. and Barbey St.

Rockaway Ave., e s, 100′ n Sutter Ave., 3 three-st'y frame stores and dwells., tin roofs; cost, $4,200 each; owners, Jacobs, Cohn & Conz, 2921 Atlantic Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Eastern Parkway, s s, 100′ w Thatford Ave., three-st'y frame store and dwell., tin roof; cost, $4,000;

(*Continued on page* xx.)

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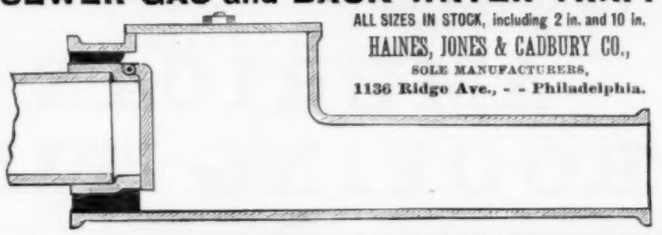
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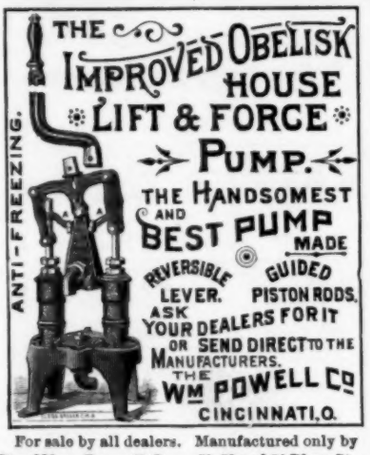

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owner, Solomon Kreukstein, 76 Norfolk St.; architect, A. J. Warren, 2583 Atlantic Ave.

Belmont Ave., n w cor. Watkins St., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, Bernard Schechtel, Belmont Ave. and Watkins St.; architect, A. J. Warren, 2583 Atlantic Ave.

Rockaway Ave., e s, 100′ s Eastern Parkway, three-st'y frame store and dwell., tin roof; cost, $4,300; owners, Levy, Gasser & Jackerson, 2921 Atlantic Ave.; architects, Dannar & Fischer, 2921 Atlantic Ave.

Chicago, Ill. — J. Curran, two-st'y store and flats 5517 Jefferson Ave.; cost, $3,000.

F. Grofpinski, three-st'y store and flats, 3258 Portland Ave.; cost, $4,000.

W. E. Shaughnessy, three-st'y store and flats, Fifty-ninth and Halsted Sts.; cost, $10,000.

Lyman Riley, three-st'y store and flats, 514 Lake Ave.; cost, $6,000.

H. Schwellkoff, four-st'y store and flats, 248-250 Clark St.; cost, $20,000.

Chris. Lube, two-st'y store and dwell., 8917 Commercial Ave.; cost, $4,200.

J. Pettit, 2 three-st'y stores and flats, Sixty-third and Sherman Sts.; cost, $13,000.

M. Schemmer, two-st'y store and flats, 813 West Twenty-second St.; cost, $6,500.

John Wagner, three-st'y store and flats, 536 Fullerton Ave.; cost, $5,000.

John Dreir, five-st'y store and flats, 1841 State St.; cost, $19,000.

Arnold Bros., seven-st'y store and warehouse, 153-155 West Randolph St.; cost, $55,000.

Annie Pion, two-st'y store and flats, 90 Fullerton Ave.; cost, $4,000.

John Jauck, four-st'y store and flats, 424 East North Ave.; cost, $10,000.

Julius Thompson, four-st'y store and flats, 87 South Clinton St.; cost, $6,000.

J. Nathensen, three-st'y store and flats, 40 Fisk St.; cost, $9,500.

A. C. Honoll, 7 one-st'y stores, Michigan Ave., s w cor. Sixteenth St.; cost, $7,500.

H. Gunderlock, three-st'y store and flats, 1976-1978 West Lake St.; cost, $7,000.

James Lefeck, two-st'y store and flat, Fifty-first and Cook Sts.; cost, $3,000.

S. Dunby, 2 three-st'y stores and flats, 7347-7349 Vincennes Ave.; cost, $16,000.

George McDonnell, two-st'y store and flat, 195 Center Ave.; cost, $4,200.

Henry Schraeder, five-st'y store, flats and office, 465-467 Milwaukee Ave.; cost, $25,000.

W. Everett, 3 three-st'y stores and flats, Seventy-sixth St. and South Chicago Ave.; cost, $18,000.

J. Jansen, four-st'y store and flats, 281 Division St.; cost, $8,500.

John Mullin, 2 three-st'y stores and flats, 572-574 West Lake St.; cost, $8,000.

John M. Smyth, eight-st'y stores, 150-164 West Madison St.; cost, $200,000.

H. Galzmann, three-st'y store and flats, 991 West Harrison St.; cost, $9,000.

J. Curtin, two-st'y store and flats, 786 Thirty-fifth St.; cost, $4,500.

W. Walls, three-st'y store and flats, 3223 Archer Ave.; cost, $7,500.

G. Erhardt, three-st'y store and flats, 76 Swift Pl.; cost, $5,000.

Julius Wolff, two-st'y store and flats, 252 Larrabee St.; cost, $3,500.

H. D. Minnick, three-st'y store and flats, 7355 Vincennes Ave.; cost, $8,000.

Patrick McAuliff, three-st'y store and flats, 456-458 California Ave.; cost, $9,000.

G. L. Waite, 2 four-st'y stores and flats, 5214-5216 Lake Ave.; cost, $15,000.

Fred Pauch, three-st'y store and flats, 646 Laflin St.; cost, $6,500.

F. Groh, 3 two-st'y stores and flats, 267 Rumsey St.; cost, $3,000.

Pagnee & Waite, 2 four-st'y stores and flats, 2409-2411 Wabash Ave.; cost, $20,000.

Philadelphia, Pa.—*Girard Ave., No.* 2614, three-st'y store; contractor, P. H. Somerset.

Fifth and Dudley Sts., two-st'y store; owner, John Meehan.

St. Louis, Mo. — Three-st'y brick store and dwell.; cost, $6,500; owner, C. A. Bendel; contractor, M. G. Geimer.

Three-st'y brick store and dwell.; cost, $5,000; owner, Wm. Fisher; contractor, N. Mueller.

Two-st'y brick store and dwell.; cost, $3,025; owner, Fr. Halter; contractor, B. Dengler.

Two-st'y brick store and dwell.; cost, $8,000; owner, C. J. Wolf; contractors, Kluth & Boecke.

Summit, N. J. — Store and office-building; owners, Messrs. Grant Bros.; architects, Constable Bros., 151 Broadway, New York.

TENEMENT-HOUSES.

Boston, Mass.—*Columbus Ave.*, cor. Berlin St., Ward 19, four-st'y brick tenement, flat roof, 50′ x 70′; owner, B. S. Evans; architect, W. G. Preston.

Park St., cor. Ivaloo St., three-st'y frame tenement, flat roof; owner, John P. Tarbell, trustee; builder, John E. Wisdom.

Wyatt St., rear, frame tenement, 28′ x 72′; owner, Homer C. Holt; builder, D. C. Smith.

WAREHOUSES.

New York, N. Y. — *South Fifth Ave., Nos.* 33-35, six-st'y brick, iron and stone warehouse: cost, abt. $50,000; architects, Messrs. Jordan & Giller.

BUILDING INTELLIGENCE.

MISCELLANEOUS.

Baltimore, Md. — The Ariel Boat Club will build a boathouse to cost about $6,000.

Boston, Mass. — *Winter Pl., No.* 1, near Winter St., four-st'y brick and stone café and store, flat roof, 21′ x 49′; owner, D. S. McDonald; builders, John S. Jacobs & Sons; architect, Tristram Griffin, Boston.

East Third St., No. 448, *rear*, Ward 14, three-st'y frame storage, flat roof, 38′ x 47′; owners and builders, Lock & Flint.

Brooklyn, N. Y.—*Bushwick Ave.*, n w cor. Hart St., three-st'y brick club house, slate roof; cost, $40,000; owner, Bushwick Democratic Club, Bushwick Ave. and Hart St.; architect, Frank Freeman, Vanderbilt Building, New York.

Chicago, Ill. — Sheriden Club, three-st'y club-house, Forty-first St., s w cor. Michigan Ave.; cost, $40,000.

Fisk, Bennett & Co., four-st'y elevator, Ninety-fifth St. and Calumet Ave.; cost, $8,000.

William J. Wilson, four-st'y storage house, 167-169 Coral St.; cost, $50,000.

The O'Donnell, Duer & Bavarian Brewing Co., four-st'y brewery, 3949-3957 Wallace St.; cost, $245,000.

W. C. Goudy, two-st'y sanitarium, 1977 Dunning Ct.; cost, $10,000.

Dedham, Mass. — Two-st'y brick and stone bank building, 45.8′ x 82.6′; owners, Institution for Savings and National Bank; builders, Darling Bros.; architects, Hartwell & Richardson, Boston.

Dover, N. H. — Six-st'y brick and stone Masonic building, 87.6′ x 91.3′ x 94.6′ x 112′; stores first floor, and offices above; builders, J. J. & T. F. Mack; architects, Hartwell & Richardson, Boston.

Malden, Mass.—*Pearl St.*, plans are being made for a brick and stone engine-house, 30′ x 60′; architect, Trustram Griffin, Boston.

Newtonville, Mass. — *Highland Ave.*, three-st'y frame club-house, 56.2′ x 102.2′; owners, Newton Club; contract to be let; architects, Hartwell & Richardson, Boston.

St. Louis, Mo. — Two-st'y brick store front; cost, $4,500; owner, H. Kerber; contractor, T. J. Kelly.

Two-st'y brick shop and flats; cost, $4,500; owner, Edw. Butler; contractor, T. J. Kelly.

Tewksbury, Mass.—Brick and stone insane asylum, 36.8′ x 135.4′; for males; contract to be let; architects, Hartwell & Richardson, Boston.

Worcester, Mass. — *Hermon St.*, two-st'y frame curry shop; owner, C. F. Stevens.

PROPOSALS.

Proposals for Terra-cotta. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., June 9, 1891. Sealed proposals for furnishing and delivering the hollow brick or terra-cotta floor-blocks and iron girder protection required for the second-story floor of the Building for Library of Congress, in this city, will be received until 2 o'clock P. M. on Monday, the 29th day of June, 1891 and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be had on application to this office. BERNARD R. GREEN, Superintendent and Engineer. 809

May 27, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of June, 1891, for supplying and delivering at freight-depot at place of designation, the post-office lock-boxes, lock-drawers, locks, pulls, plates, etc., for United States Public Buildings, in accordance with specification, as may be ordered during the fiscal year ending June 30, 1892. Copies of the specification and any additional information may be had on application at this office. Each bid must be accompanied by a certified check for $100. The Department reserves the right to reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Lock-boxes, Lock-drawers, Locks, Pulls, Plates, etc., for the United States Post-offices," and addressed to W. J. EDBROOKE, Supervising Architect. 808

May 25, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of June, 1891, for all the labor and materials, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Post-office, etc., building at Dayton, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Dayton, Ohio. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Post-office, etc., building at Dayton, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 808

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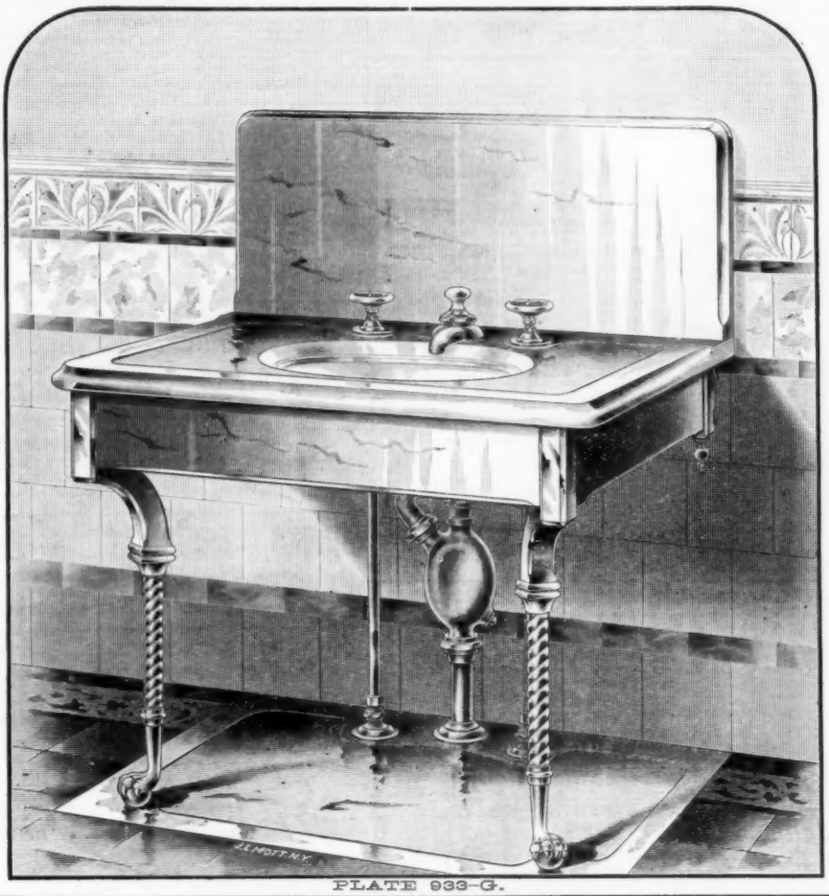

PLATE 933-G.

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[*See Alphabetical Index on page VII for Pagination.*]

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Cary Mfg. Co., Mechanicsville, N. Y. (cow)

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Stebbins Mfg. Co., Brightwood, Mass. cow

Bath-Tub.
Miller & Coates, New York.
J. L. Mott Iron Works, New York.
Standard Mfg. Co., Pittsburgh, Pa. (cow)

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Blake Bell Co., Boston, Mass.

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Baltimore Blind & Awning Co., Baltimore, Md.

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Philadelphia Blue Print Co., Phila., Pa. (mon)

Board Measure Table.
C. L. Rogers. Milton, Pa.

Boilers.
Babcock & Wilcox Co., New York.
Button Boiler Co., Waterford, N. Y. (cow)
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J. Wiley & Sons, New York.

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J. B. Shannon & Sons, Philadelphia. (mon)

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Jarden Brick Co., Philadelphia, Pa.

Brick (Ornamental).
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Howard Fleming, New York. (cow)
Hydraulic Press Brick Co., St. Louis.
Peerless Brick Co., Philadelphia, Pa.
Waldo Bros., Boston.
Washington Hydraulic-Press Brick Co., Washington, D. C.

Brick Machine.
The Frey, Sheckler Co., Bucyrus, O. (cow)

Bronzework.
Bureau Bros., Philadelphia, Pa. (mon)

Building Contractors.
John Moore & Co., Syracuse, N. Y.

Building Felt (Pure and Waterproof).
H. W. Johns M'f'g Co., New York.

Building Papers.
H. F. Watson, Erie, Pa.

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R. C. Smith, New York. (mon)

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Alsen's Cement Works, New York, N. Y. (cow)
Bastjer & Meyerstein, New York.
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E. Thiele, New York, N. Y.
Union Akron Cement Co., Buffalo, N. Y. (cow)

Chair-Seating.
Harwood Manufacturing Co., Boston.

Chimney Tops.
H. M. Hansen, Chicago, Ill. (mon)

Chrome Steel.
Chrome Steel Works, Brooklyn, N. Y. (cow)

Clay Shingle.
Clay Shingle Co., Indianapolis, Ind.

Colorist.
E. Eldon Deane, Boston, Mass.

Conductors (Water).
Armor, Martin & Co., Allegheny, Pa. (cow)
W. Austin Obdyke & Co., Philadelphia.
Boston Spiral Tube Works Boston.
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Lord & Burnham Co. Irvington-on-Hudson, N. Y.
Josephus Plenty, New York.

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Samson Cordage Works, Boston. (cow)

Cornices (Galvanized-Iron).
Mesker & Bro., St. Louis, Mo.

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S. Cabot, Boston, Mass.

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L. Haberstroh & Son, Boston.
Donald McDonald, Boston.
W. J. McPherson, Boston.

Door-Knobs. J. Bardsley, New York, N. Y.

Draughtsmen's Exchange.
R. W. Parry, Philadelphia, Pa. (mon)

Dumb Waiter.
M. B. Sweezy, Chicago, Ill. (mon

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Electrical Supplies.
Edison General Electric Co., New York.

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"Otto" Gas Engine Works, Phila.

Engines (Hot-air).
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The Globe Co., Cincinnati, and New York.

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Henry Maurer, New York.
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Fireproof Building (*Continued.*)
Raritan Hollow & Porous Brick Co, N. Y.
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Somerset Potters Works Co., Somerset, Mass. (cow)

Fireproof Construction.
Guastavino Fireproof Construction Co., N. Y.

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Harness Bracket.
Jas. J. Read, Boston. (mon)

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Smith & Anthony Stove Co., Boston.

Heating-Apparatus (Steam).
Blake & Williams, New York.
Detroit Heating and Lighting Co. Detroit, Mich.
Huyett & Smith Mfg. Co., Detroit, Mich.
Johnson & Morris, New York.
N. Y. Central Iron Works Co., Geneva, N. Y.
Page Steam-heating Co., Norwich, Conn.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
H. B. Smith Co., New York.
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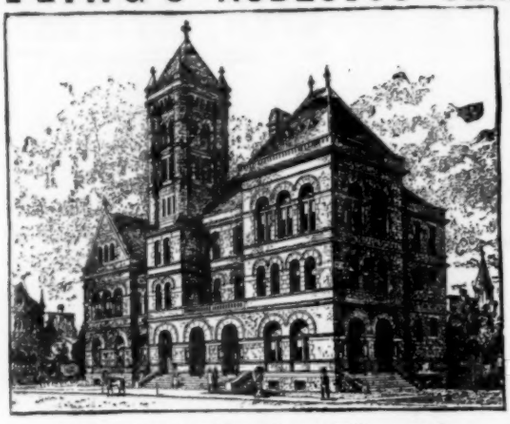

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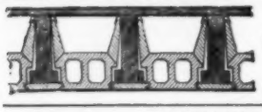

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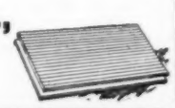

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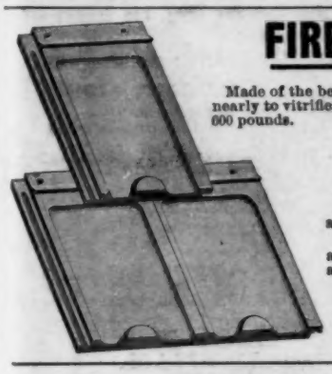

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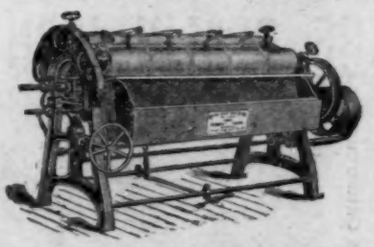

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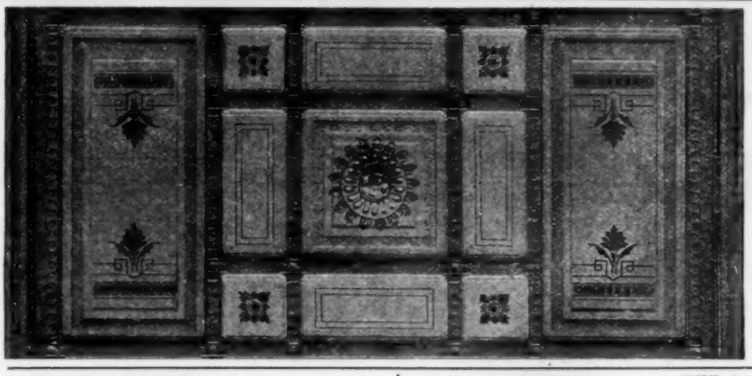

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Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 10 @ 2 15	2 25 @ 2 50	*Not sold.*	2 30 @ 3 0
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	{30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	{24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	{20" 35 @ 14
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. *(First Qual.*				
Ash *(Kiln-dried.)*	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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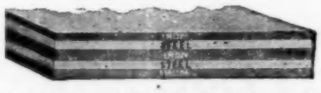

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Common: *Cargo afloat.*				In Yard.
Pale	2 00 @ 2 50	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 5 25	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d	5 00 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 50 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	{ @ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	90 @ 1 00	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 60	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 60	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 90	@ 1 05	*Not sold.*	1 00 @ 1 60
Rockland and Rockport, finish	@ 1 00	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lomont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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Mortar Colors.				
Black, brown, buff ℔ lb.	@ 2½	@	@	@
Colorific ℔ lb.	@ 2½	@	@	@
Red	@ 3	@	@	@
White ℔ bbl.	@ 1 75	@	@	@
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: ℔ *sq. ft.*				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	}
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	}
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ... ℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. *(In Oil* ℔ *lb.)*				
White lead, Am	7 @ 7½	7½ @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7½ @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	48 @ 49	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	51 @ 52	60 @ 63	@ 63
Turpentine (℔ gal.)	38½ @ 39	42 @ 43	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	@ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 25	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4" x 4" (℔ doz. pairs.)				
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hematite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7½	@ 7	@ 6½
Lead Pipe	@	@ 7	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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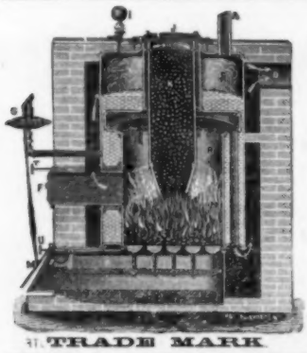

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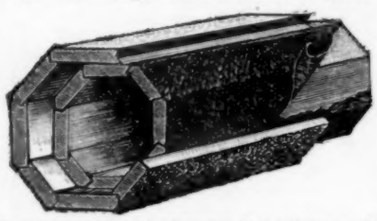

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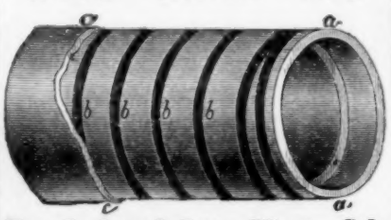

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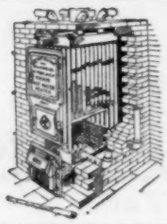

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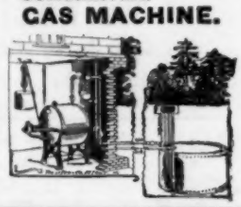

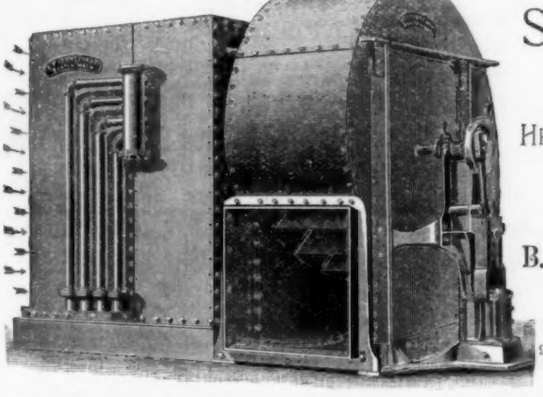

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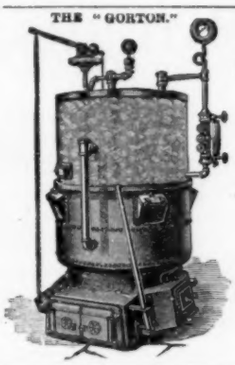

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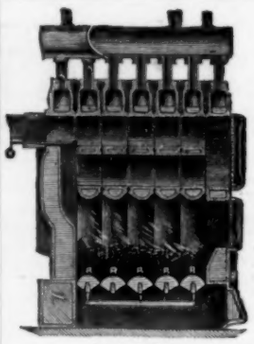
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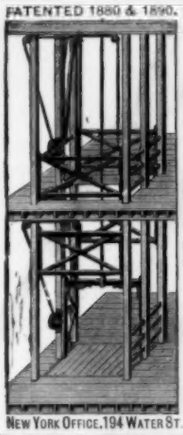

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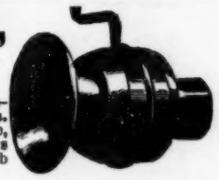

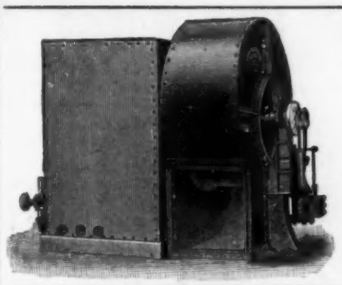

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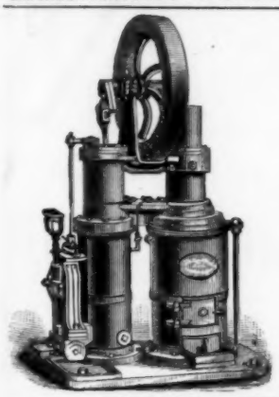

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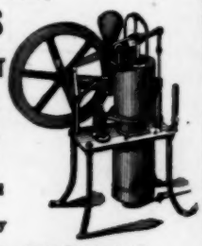

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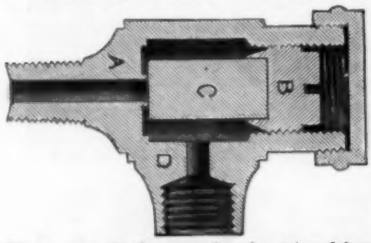

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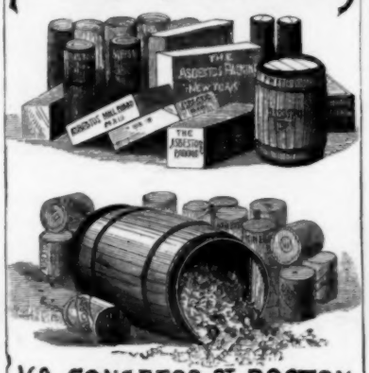

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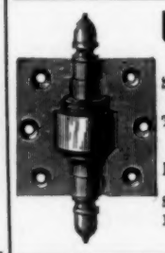

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454,012. Elevator-Engine.—James Gibbins, Springfield, Mass.
454,025. Sash-Holder.—John Blocher, Franklin Grove, Ill.
454,078. Door-Spring.—William C. Smith, Warsaw, Mo.
454,096. Hot-Air Register.—Thomas G. Wanless, Toronto, Canada.
454,186. Method of and Apparatus for Making Lead-Pipe S-Traps.—William W. Rosenfield, New York, N. Y.
454,195. Ventilator.—Peter Abrahamson, San Francisco, Cal.
454,220. Ruling-Pen.—Harry H. Love, Sacramento, Cal.
454,226. Wall Fixture for Electrical Conductors.—Oscar H. Pieper and Frank M. Watson, San José, Cal.
454,263. Safety Device for Elevators.—August Eichert, Hohenzollern Grube, near Benthen, Germany.
454,264. Hot-Air Furnace.—John Evans, Philadelphia, Pa.
454,303. Roofing-Seamer.—Orren P. Talley, Richmond, N. C.
454,304. Door-Hanger.—Le Grand Terry, Horseheads, N. Y.
454,343. Hinge.—Silvers P. Gibson, Ray's, Ohio.
454,346. Artificial Stone.—George E. Hagerman, Brooklyn, N. Y.
454,360. Door-Check.—Joseph Keene, Chicago, Ill.
454,362. Compound Lumber for Veneers, etc.—Frederick Koskul, Williamsport, Pa.
454,371. Shutter-Worker.—Anton Merz, Chicago, Ill.
454,382. Method of Making Tight Joints in Sheet Piling.—John E. Robinson, Philadelphia, Pa.
454,390. Speaking-Tube.—Hahnemann A. Cutmore, South Yarra, Melbourne, Victoria.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING JUNE 19, 1891.

From Antwerp.—Ship "*Magdalene*," 2,000 barrels cement, J. & W. Seligman & Co. Steamer "*Noordland*," 1,500 barrels cement, E. Thiele; 500 do., Morris Ebert; 200 do., Peter Wright & Sons; 1,100 do., order.

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Tucker & Titus.
E. Van Noorden & Co.
G. W. White.
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J. Williams.
E. H. Wootton.

IMPORTS OF BUILDING MATERIALS, Etc.

From Bremen.—Ship "*Favorita*," 1,315 casks asphaltum, Baetjer & Meyerstein; 2,120 casks cement, order.

From Cardenas.—Schooner "*Jonathan May*," 720 bags asphaltum, J. Balsells & Co.

From Glasgow.—Steamer "*Anchoria*," 55 cases granite, W. C. Townsend; 50 barrels cement, order. Steamer "*State of Nevada*," 258 cases granite, Austin, Baldwin & Co.; 12 blocks building stone, G. P. Sherwood; 2 cases granite, Davidson Marble Co.

From Hamburg.—Steamer "*Rugia*," 560 casks cement, E. Thiele; 560 do., Gabriel & Schall. Bark "*Senator Iken*," 4,435 barrels cement, order.

From Liverpool.—Steamer "*City of Berlin*," 20 logs wood, W. E. Uptergwyse & Bros. Steamer "*Nomadic*," 38 casks bricks, 12 blocks stone, order.

From London.—Steamer "*France*," 250 casks cement, Howard Fleming; 1,000 do., E. Thiele; 1,000 do., C. J. Stevens; 30 bales cattle-hair, 2,500 casks cement, order.

From Marseilles.—Bark "*Leone*," 200,000 kilogs asphalt, E. H. Wootton.

From Newcastle.—Steamer "*Crystal*," 1,000 casks cement, Bank of British North America; 25,000 square fire-bricks, 3,000 casks cement, order.

From Rotterdam.—Steamer "*Spaarndam*," 1,000 casks cement, E. Thiele; 2,000 do., order.

From Stettin.—Steamer "*Polynesia*," 64 fire-bricks, 100 bags fire-cement, 1,004 barrels cement, H. Marquardt & Co.; 1,000 do., E. Thiele; 2,930 do., E. Kauter; 3,500 do., order.

From Tlacotalpan.—Schooner "*Emma M. Fox*," 226 logs mahogany, 3 log-ends do., H. Marquardt & Co.

From Tuspan.—Schooner "*Elsie A. Bayles*," 324 logs mahogany, 26 log-ends do., G. Amsinck & Co.

From Vera Cruz.—Steamer "*Cudad Condal*," 48 blocks marble, S. Klaber & Co. Steamer "*Orizaba*," 100 sacks asphaltum, J. W. Wilson & Co.; 3 blocks marble, John Pratt.

From Windsor, N. S.—Brig "*C. C. Van Horn*," 537 tons plaster, J. F. Whitney & Co. Schooner "*Myronus*," 500 tons plaster, J. F. Whitney & Co.

From Zaza.—Bark "*Sverre*," 2,584 logs cedar, H. W. Erichs.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Brooklyn, N. Y.—*Bolivar St.*, s s, 125′ w Canton St., four-st'y brick stable, gravel roof, four-st'y brick extension, gravel roof, and other alterations; cost, $8,000; owners, Wechsler & Abraham, 428 Fulton St.; architect, Geo. L. Morse, 213 Montague St.

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"*Ancient Rome in the Light of Recent Discoveries.*" Illustrated.
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BIOGRAPHY.

VAN RENSSELAER, MRS. SCHUYLER, $20.00
"*Henry Hobson Richardson.*" Illustrated.
Boston (4 Park St.): Houghton, Mifflin & Co.

CARPENTRY.

TREDGOLD, THOS., $5.00
"*Elementary Principles of Carpentry.*" Revised by Hurst.
New York (12 Cortlandt St.): E. & F. N. Spon.

CHURCHES.

WICKES, CHARLES, $15.00
"*Spires and Towers of the Mediæval Churches of England.*"
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CONSTRUCTION.

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"*Modern Perspective.*"
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FULLERTON, WM., $6.00
"*Architectural Examples in Brick, Stone, Wood, and Iron.*"
New York (12 Cortlandt St.): E. & F. N. Spon.

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NEWMAN, JOHN, $1.50
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MERRIMAN, MANSFIELD. (Each part), $2.50
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"*Materials of Construction.*"
New York (53 East 10th St.): J. Wiley & Sons.

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GOTCH, J. A., and W. T. BROWN Part I. $8.00
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BUILDING INTELLIGENCE.

Lee Ave., Nos. 27-31, one-st'y brick and iron theatre, tin roof, three-st'y brick extension, asphalt roof; cost, $3,000; owners, Berger & Price, Boswyck House, Bedford Ave.; architect, F. Chaffers, 178 Smith St.

Morgan Ave., n w cor. Harrison Pl., two-st'y frame school and church, tin roof, two-st'y stone and brick extension, tin roof; cost, $3,000; owner, Church of the Sorrowful Mother, on premises; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Greene Ave., No. 444, three-st'y brick dwell., tin roof, three-st'y brick extension, tin roof; cost, $3,000; owner, Mr. Jacobson, on premises; architect, C. A. Eaton, Greene Ave.

Chicago, Ill. — Fred Gose, two-st'y addition, 9009 Commercial Ave.; cost, $4,000.

A. A. Munger, two-st'y addition to Metropolitan Block, n w cor. Randolph and La Salle Sts.; cost, $50,000.

B. M. Shaffner, three-st'y addition, 15 North Clark St.; cost, $15,000.

Chicago City Railroad Co., one-st'y addition, 5221-5225 State St.; cost, $5,500.

George Belden, two-st'y addition, 5617-19 Michigan Ave.; cost, $12,000.

C. P. Rosen, four-st'y addition, 173 Townsend St.; cost, $4,000.

Joseph Kearn, alterations and repairs, Carroll Ave. and Union St.; cost, $7,000.

Philadelphia, Pa. — *Girard Ave., No.* 2529, annex; contractor, Philip Haibach.

North Seventh St., No. 1819, addition; contractor, W. L. Atkinson.

North Seventh St., No. 8614, addition; contractor, W. W. Scargle.

North Sixth St., No. 471, addition; contractor, R. W. Strode.

West College Ave., No. 845, addition; contractor, C. D. Hill.

South Eleventh St., No. 1718, addition; contractor, Thomas Williams.

BUILDING INTELLIGENCE.

Forty-fourth St., n Brown St., addition; contractor, G. R. Acheson.

Market St., No. 2225, alteration; contractor, W. W. Bozarth.

Marshall St., No. 2150, alteration; contractor, C. H. White.

Mascher St., No. 2239, addition; owner, Wm. Bartholomew.

North Twelfth St., No. 30, alterations; contractor, Jos. Bird.

Thirty-eighth and Walnut Sts., addition; contractors, Stacy Reeves & Sons.

Twenty-seventh St., w s, n Susquehanna Ave., addition; owner, John Schwarzmann.

North Twenty-seventh St., No. 2214, alterations; owner, T. Vanderslice.

Orthodox St., s s, w Leiper St., addition; contractor, Wm. S. Roberts.

Aramingo St., No. 2179, addition; contractor, D. C. Schuler.

Catharine St., No. 1823, addition; contractor, Alex. McKay.

Clarion St., No. 2220, addition; contractor, M. L. Durham.

Dickinson St., s e cor. Front St., addition; contractor, Thos. Gibson.

Germantown Ave., Nos. 2936-38, alterations; contractor, J. J. Woods.

Hunting Park Ave. and Township Line, alteration; contractors, Paul J. Essick & Son.

Jackson St., No. 637, addition; contractors, Rader & Dalby.

Locust St., n s, w Twelfth St., alterations; contractor, William Murphy.

Lehigh Ave., bel. Almendo St., addition; contractor, E. F. Judge.

Twelfth St., e s, n Arch St., alterations; contractor, Lewis Havens.

Twenty-fourth St., n e cor. Spring Garden St., alteration; contractor, W. L. Stevenson.

Thirtieth St., n Diamond St., extension to hall; owners, James H. Stevenson & Son.

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Locust St., bel. Thirty-sixth St., addition; contractor, W. B. Purdy.

Mutter St., No. 2627, three-st'y factory addition; owner, Valentine Lend.

Pierce St., No. 1005, addition; owner, John H. Smith.

Frankford Ave., w s, n Clearfield St., alteration; contractors, W. F. & G. Heiligman.

Ogden St., No. 1125, addition; owner, S. Murphins.

Sixth St., n e cor. York St., alterations; owner, August Assman.

Spruce St., No. 1817, alterations; owner, M. A. Murray.

North Fifth St., No. 411, addition; contractor, E. N. Lippincott.

Germantown Ave. and School Lane, addition; contractors, T. W. Wright & Son.

Germantown Ave., below Girard Ave., addition; owner, Charles Reichle.

Aspen St., No. 4065, alteration; owner, W. P. Buzby.

North Front St., No. 945, addition; contractors, John Kramer & Son.

Girard Ave., No. 1419, alteration; owner, H. S. Deputy.

Jefferson St., No. 2212, addition; owner, W. R. Bradford.

Sixth Ave., n w cor. Erie Ave., addition; owners, Woelfel & Schmunk.

Spring Garden St., No. 3102, addition; contractor, Frank H. Vogdes.

North Tenth St., No. 614, addition; owner, Jos. L. Fox.

Vine St., No. 1019, alteration; owner, John McLeister.

Willow St., n w cor. Twelfth St., alteration; contractor, H. J. Bluyler.

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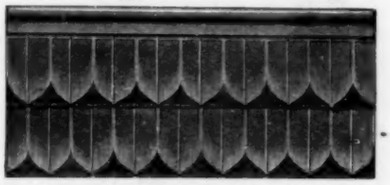

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BUILDING INTELLIGENCE.

Somerville, Mass. — *Highland Ave.*, addition to Highland Avenue Unitarian Church, to be of brick and stone, 56′ x 99′; for uses of Sunday-school, Unity Club, gymnasium, parlors, kitchen, etc.; contract to be let; architects, Loring & Phipps, Boston.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Thirteenth St.*, s s, 175′ w Eighth Ave., 5 three-and-four-st'y brick double and single flats, tin roofs; total cost, $30,000; owner, D. J. Atkin, 339 Fifteenth St.; architect, Robert Dixon, 219 Montague St.

Chicago, Ill.—Cox & Dimond, 2 two-st'y flats, 67 and 71 Forty-third Sts.; cost, $4,000.

M. Jacobson, three-st'y flats, 362 West Erie St.; cost, $4,500.

Ed. S. Jarlott, 4 two-st'y flats, Seventy-third St. and Perry Ave.; cost, $16,000.

John Matthias, two-st'y flat, Forty-ninth and School Sts.; cost, $3,000.

Anton Vopat, two-st'y flat, 553 Millard Ave.; cost, $3,200.

Griffin & Dwight, 3 two-st'y flats, 632-636 West Erie St.; cost, $6,000.

Daniel G. Murphy, 2 three-st'y flats, 273-275 California Ave.; cost, $9,000.

George C. Fetter, 3 three-st'y flats, 4200-02 Berkley Ave.; cost, $20,000.

Carl G. Swanson four-st'y flats, 170 Townsend St.; cost, $8,000.

Patrick Daley, two-st'y flat, 4515 Wabash Ave.; cost, $4,500.

John Szczosny, three-st'y flat, 81 George St.; cost, $3,000.

Ed Horan, 4 two-st'y flats, 483-489 Albany Ave.; cost, $10,000.

V. Novach, two-st'y flat, 34 Sloan St.; cost, $3,000.

William W. McCauley, three-st'y flat, 209 Oakley Ave.; cost, $7,000.

Fred Walton, four-st'y flats, 214 Fortieth St.; cost, $11,000.

John Kalodguski, three-st'y flats, 614 North Ashland Ave.; cost, $8,000.

Mrs. C. L. Moorey, three-st'y flats, 444 Jackson Boulevard; cost, $6,000.

John Hess, three-st'y flats, 781 West Seventeenth St.; cost, $5,800.

M. L. Hoag, two-st'y flats, 3518 Wallace St.; cost, $3,200.

O. A. Lamaroux, 4 two-st'y flats, Stewart Ave. and Seventy-eighth St.; cost, $15,000.

Thomas A. Brackett, 2 three-st'y flats, 6449-51 Myrtle Ave.; cost, $12,000.

Jarvis & Conklin, two-st'y flats, 1521 Oakdale Ave.; cost, $6,000.

Edward Shay, two-st'y flats, 1486 West Congress St.; cost, $4,500.

Henry Alm, three-st'y flats, 11 Iowa St.; cost, $3,900.

John Debens, two-st'y flats, 546 Flournoy St.; cost, $6,000.

Charles Swigert, 3 three-st'y flats, 276-280 Park Ave.; cost, $15,000.

Nils H. Soderberg, four-st'y flats, 40 Park Ave.; cost, $7,000.

Mrs. E. A. Bowen, 2 three-st'y flats, 6322-24 Wright St.; cost, $7,500.

Mrs. Jane Forest, three-st'y flats, 88 Twenty-fifth St.; cost, $8,000.

George W. Elder, two-st'y flats, 1341 Roscoe St.; cost, $3,200.

John W. Simpson, three-st'y flats, 4458 Buckley Ave.; cost, $8,000.

M. C. Conlan, three-st'y flats, 349 West Monroe St.; cost, $7,500.

Jan Keislin, three-st'y flats, 605 Holt Ave.; cost, $4,000.

Frank Bajmewski, three-st'y flats, 642 Holt Ave.; cost, $4,000.

William Mueller, three-st'y flats, 49 Tell Ct.; cost, $6,000.

George Peterson, four-st'y flats, 177 West Huron St.; cost, $8,000.

Henry Cohigraff, three-st'y flats, 241 Linden Pl.; cost, $6,000.

J. C. Schrever, three-st'y flats, 4206 Ellis Ave.; cost, $7,500.

Paul Mortiz, two-st'y flat, 825 Thirty-second St.; cost, $4,600.

R. C. Basse, 2 two-st'y flats, 570-572 West Superior St.; cost, $8,400.

J. M. Schroeder, two-st'y flats, 3751 Forrest Ave.; cost, $5,000.

Mrs. A. Schultz, three-st'y flats, 250 Dayton St.; cost, $3,400.

C. F. Crowley, three-st'y flats, 1184 Wilcox Ave.; cost, $6,000.

James Martin, two-st'y flats, 393 Troy St.; cost, $8,000.

Tom Gessenski, two-st'y flats, 77 Brougham St.; cost, $3,000.

James M. Duncan, three-st'y flats, 3362 Prairie Ave.; cost, $10,000.

F. Kuhmeyer, two-st'y flats and stable, 273 West Twelfth St.; cost, $6,000.

New York, N. Y. — *Grand Boulevard*, s e cor. One Hundred and Forty-seventh St., 4 six-st'y brick and stone apartment-houses; owner, Hugh Stevenson; architect, W. W. Kent.

Fifty-third St., s s, commencing 275′ e Eleventh Ave., 5 five-st'y brick flats, tin roofs; cost, $75,000; owner, James O. Donelon, 1579 Madison Ave.; architect, David T. Davies, 111 Broadway.

Madison Ave., s e cor. One Hundred and Thirty-fourth St., 4 five-st'y brick flats, tin roofs; cost, $85,000; owners, McCormack & Jetter, 300 East Seventy-third St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

West Thirty-fifth St., Nos. 241-245, 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, Wm. H. Ramsay, 14 West Sixtieth St.; architect, Geo. F. Pelham, 1481 Broadway.

West Thirty-ninth St., Nos. 250-256, 4 five-st'y brick flats, tin roofs; cost, $38,000; owner, Jacob Korn, 261 Broadway; architect, Louis Korn, 261 Broadway.

East Fourth St., No. 60, six-st'y brick flat, tin roof; cost, $20,000; owners, Swester & Cusack, 121 East Fifty-third St.; architect, Charles Rentz, 153 Fourth Ave.

Monroe St., No. 138, five-st'y brick flat, tin roof; cost, $27,000; owners, Goldberg & Shancupp, 280 East Broadway; architects, Schneider & Herter, 48 Bible House.

Seventy-ninth St., s s, 40′ w Tenth Ave., 2 five-st'y brick flats, tin roofs; cost, $60,000; owner, Susanna V. Hagan, 1753 Avenue A; architect, G. A. Schellinger, 128 Broadway.

Willis Ave., e s, 25′ n One Hundred and Forty-sixth St., 2 five-st'y brick flats, tin roofs; cost, $15,000; owner, Florian Schmitt, 606 Courtlandt Ave.; architect, Anchony F. A. Schmitt, 606 Courtlandt Ave.

First Ave., w s, 25′ 2″ s Ninety-fifth St., four-st'y brick flat, tin roof; cost, $35,000; owner, Willinbrock & Hencken, 1182 Park Ave.; architect, Franklin Baylies, 51-52 Bible House.

CHURCHES.

Georgetown, Texas. — A $20,000 edifice is contemplated by the Methodists.

Marietta, Ga. — The Baptists contemplate building an edifice, to cost $10,000.

Newton Centre, Mass. — Brick and stone Catholic church; cost, $40,000; architects, Rand & Taylor, Boston.

FACTORIES.

Baltimore, Md.—Hy. Roesser will build a three-st'y brick factory, s s Haw St., bet. Fremont and Emory Sts.

Cambridgeport, Mass. — Confectionery factory; cost, $20,000; owner, L. S. Brun; builders, Clark & Lee; architects, Rand & Taylor, Boston.

Chicago, Ill.— Wakefield Rattan Company, four-st'y factory, Robey St. and Blue Island Ave., cost, $25,000.

New York, N. Y. — *Suffolk St., No.* 81, six-st'y brick factory, tin roof; cost, $6,000; owner, Ascher Hemstein, 808 Lexington Ave.; architect, Charles H. Israels, 90 Nassau St.

East Twenty-sixth St., No. 404, one-st'y brick factory, gravel roof; cost, $3,000; owner, Carl Schultz, One Hundred and Fortieth St. and Boulevard; architect, Louis Thouvard, 120 Broadway.

Philadelphia, Pa. — *Ninth St.*, w s, n Susquehanna Ave., 2 five-st'y factories; contractors, J. Sullivan & Son.

HOSPITALS.

Philadelphia, Pa.—*Forty-fourth St. and Haverford Ave.*, two-st'y hospital building; owner, Pennsylvania Hospital for Insane.

HOTELS.

Abilene, Texas. — The erection of a $35,000 hotel is reported.

Ellsworth, Me. — Hotel; cost, about $20,000; owner, Mr. McFarlane; architects, Rand & Taylor, Boston.

Philadelphia, Pa. — *Seventh St.*, s e cor. Germantown Ave., four-st'y hotel; builder, Thomas McCarty.

HOUSES.

Baltimore, Md.— Jno. C. Hermann, three-st'y brick building, n s Lombard St., near Garrison Lane.

Jas. Fox, three-st'y brick building, w s Forrest St., n Douglass St.

Jas. F. Krauss, 1 three-st'y and 10 two-st'y brick buildings, e s Pulaski St., bet. Wilhelm and Marianna Sts.

J. Schroeder, three-st'y brick building, s s Hamburg St., bet. Abbey Alley and William St.

Albert A. Brager, three-st'y brick building, e s Eutaw St., near Saratoga St.

Boston, Mass. — *King St.*, near Dorchester Ave., Ward 24, frame dwell., 26′ x 31′; owner, W. G. Mansfield; builder, F. M. Morton.

Granville St., near Adams St., Ward 24, frame dwell., 25′ x 42′; owner, Roderick Pepper; builder, D. Currier.

Paris St., No. 135, Ward 2, three-st'y frame dwell.; owner, Francisco De Silva; builder, E. J. Turner.

Ashmont St., cor. Burt Ave., Ward 24, frame dwell.; owner, Jas. Reid; builder, Jas. Davidson.

Lyndehurst St., near Washington St., Ward 24, frame dwell.; owner and builder, J. H. Beale.

O St., near East First St., Ward 14, two frame dwells.; owner, Margaret H. Grimes.

Whitney St., No. 2, Ward 22, three-st'y frame dwell.; owner, Jas. O'Brien; builder, J. H. Pierce.

Hillside St., near Parker St., Ward 22, frame dwell.; owner, Thomas Sproules; builder, W. McDonald.

Chelsea St., Nos. 98-100, Ward 2, 2 three-st'y frame dwells., flat roofs, 22′ x 45′; owner, A. A. Westcott; builder, E. B. Moxon.

Adams St., nearly opp. Dix St., Ward 24, two frame dwells., 20.3′ x 52.6′; owner, I. R. Atwood; builder, P. P. Nichols.

Norfolk St., off Walk Hill St., Ward 24, frame dwell., 22.9′ x 30′; owner and builder, W. A. Macaulay.

Welles Ave., cor. Ocean St., Ward 24, three-st'y frame dwell.; owner, W. E. A. Legg; builders, J. H. Burt & Co.

Hyde Park Ave., cor. Blakemore St., Ward 23, three-st'y frame dwell. and store, flat roof, 30′ x 44′; owner, F. Schwœter.

Washington St., near Kingsbury St., Ward 21, 4 three-st'y frame dwells., flat roofs, 21.3′ x 47′; owner and builder, J. J. Johnson.

Sagamore St., near Belfort St., Ward 24, frame

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dwell.; owner, J. H. Shaw *et als.*; builder, A. H. Allen.

Minton St., near Savin Hill Ave., Ward 24, two frame dwells.; owner, Wilbrey Greene; builder, E. Ford.

Linnett St., near La Grange St., Ward 23, frame dwell.; owner, F. A. Ward; builders, C. H. & A. T. Ireland.

D St., cor. Baxter St., Ward 15, three-st'y frame dwell. and store, flat roof; owner, Annie Donoghue; builders, H. S. & N. Clark.

Baxter St., near C St., Ward 13, 4 three-st'y frame dwells.; owners, Jas. Russell & Son; builders, H. S. & N. Clark and H. D. & W. Miller.

Magnolia St., rear, No. 90, Ward 20, frame dwell.; owner, Henry P. Bailey; builders, Studley Bros.

Parsons St., cor. Surrey St., Ward 25, frame dwell.; owner, G. Fuller; builder, G. F. Fuller.

Bayard St., near North Harvard St., frame dwell.; owners, S. A. Mitchell and J. Sutherland; builders, Mitchell & Sutherland.

Malvern Pl., off Roxbury St., Ward 20, 3 three-st'y frame dwells.; owner, F. W. Parker; builder, E. Russell.

Surrey St., near Parsons St., Ward 25, frame dwell.; owner, Granville Fuller; builder, G. F. Fuller.

Leeds St., near Savin Hill Ave., Ward 24, frame dwell.; owner, J. W. Douse; builder, Thomas Condon.

Mt. Pleasant Ave., No. 28, Ward 20, frame dwell.; owner, C. M. Cashin; builder, P. F. Hanlon.

Longwood Ave., near Phillips St., Ward 22, three-st'y frame dwell.; owner, John P. Lang; builder, Joseph Sheridan.

West Second St., No. 211, Ward 13, frame dwell.; owner, Patrick Doyle; builders, Tighe & Frazer.

Oregon St., No. 10, Ward 22, frame dwell.; owner, T. O. Leary; builders, J. H. Pierce & Co.

Longwood Ave., cor. Phillips St., Ward 22, three frame dwells.; owner, John P. Lang; builder, Joseph Sheridan.

Chestnut Ave., near Paul Gore St., Ward 23, frame dwell.; owner, F. C. Schuman; builder, D. McDonald.

Plainville St., near New Keyes St., Ward 23, frame dwell.; owner, Edward Corliss; builder, J. P. Shaw.

Grainger St., near Elmore St., Ward 21, frame dwell.; owner and builder, Henry Kelley.

Trull St., Nos. 1-3, Ward 24, two frame dwells.; owners, Maria and George Filton; builder, J. G. Eaton.

Darling St., near Norfolk St., Ward 24, two frame dwells.; owner and builder, J. F. Haddock.

Parker Court, near Wexford St., Ward 25, frame dwell.; owner, M. Tiernan; builder, D. De Grace.

Edson St., near Norfolk St., Ward 24, frame dwell.; owner, Mary L. Haddock; builder, J. F. Haddock.

Wrentham St., near Dracut St., Ward 24, three frame dwells.; owner and builder, Isaac Schurman.

Lamson St., No. 35, Ward 2, frame dwell.; owner, Thos. O'Brien; builders, Hatt & Rogers.

Malvern St., near Adams St., Ward 24, frame dwell.; owner, N. D. Thying; builder, N. B. Cunningham.

Oak Ave., near Plain St., Ward 24, frame dwell.; owner and builder, D. A. Roberts.

Paul Gore St., No. 80, Ward 23, frame dwell.; owner, Katherine Mock; builder, W. Priesing.

Humboldt Ave., near Walnut Ave., Ward 21, frame dwell.; owner, D. A. Dunbar estate; builder, W. J. Griffiths.

Melville Ave., near O. C. R. R., frame dwell.; owner, Albert Eaton; builder, J. H. Proctor.

Josephine St., near Geneva Ave., Ward 24, frame dwell.; owner, James Harrison; builder, F. Duffee.

Oregon St., No. 12, Ward 22, frame dwell.; owner, Thos. O'Leary; builders, J. H. Pierce & Co.

Johnson St., near Barker St, Ward 23, three-st'y frame dwell.; owner and builder, G. A. Spear.

Brighton, Mass.—Frame dwell.; cost, $5,000; owner, Mrs. F. A. Guild; architects, Rand & Taylor, Boston.

Brooklyn, N. Y.—*Essex St.*, e s, 90′ s Ridgewood Ave., 4 two-st'y frame dwells., tin roofs; cost, $2,400 each; owner, Andrew Walker, 447A Evergreen Ave.

BUILDING INTELLIGENCE.

Metropolitan Ave., Nos. 111-113, bet. Catharine St. and Morgan Ave., 2 three-st'y frame dwells., tin roofs; cost, $5,000 each; owner, J. J. Ray, on premises; architects, D. Acker & Son, 752 Broadway.

Morgan Ave., n w cor. Grattan St., 2 three-st'y frame dwells., tin roofs; cost, $11,000; owner, Catherine Dannenhofer, 260 Boerum St.; architects, D. Acker & Son, 752 Broadway.

Lorimer St., No. 131, bet. Stagg and Ten Eyck Sts., three-st'y frame dwell., tin roof; cost, $7,000; owner, Fred Frischer, 131 Lorimer St.; architects, D. Acker & Son, 752 Broadway.

Bergen St., n s, 250′ w Buffalo Ave., 4 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, Frank P. Martin, 1450 Bushwick Ave.

Putnam Ave., s s, 180′ e Broadway, 4 three-st'y frame dwells., tin roofs; cost, $2,500 each; owner, architect and builder, M. Mulvihill, 1069 Greene Ave.

Bergen St., s s, 22′ w Vanderbilt Ave., 2 three-st'y brick dwells., tin roofs; cost, $3,500 each; owner, Daniel O'Connell, 596 Dean St.; architect, Timothy Remson.

Oakland St., w s, 265′ n Van Cott Ave., three-st'y frame dwell., gravel roof; cost, $5,000; owner, Wilson Ahmuty, 228 Manhattan Ave.; architect, F. Weber, 211 Manhattan Ave.

Chicago, Ill.—Mrs. B. Gall, two-st'y dwell., Catalpa and Perry Sts.; cost, $3,400.

Miss Libbie G. Belding, 4 three-st'y dwells., 52 58 Bryant Ave.; cost, $28,000.

Richard & Peck, 10 two-st'y dwells., Seventy-fourth St. and Stewart Ave.; cost, $75,000.

Clancy & Clancy, 4 three-st'y dwells., 4516-4522 Woodlawn Ave.; cost, $50,000.

R. A. Gordon, three-st'y dwell., Forty-fifth St. and Grand Boulevard; cost, $10,000.

C. Champion, 3 two-st'y dwell. and barn, 99 Park Ave.; cost, $9,000.

Charles A. Nelson, 2 two-st'y dwells., 3806-3808 Aldine Ave.; cost, $5,400.

A. Liolkowski, two-st'y dwell., 138 Larmnil St.; cost, $3,30[illegible].

Adolph Schoeninger, three-st'y dwell. and barn, 1825-1827 Melrose St.; cost, $20,000.

R. E. Kimbell, 2 two-st'y dwells., 10-12 Sherman Ave.; cost, $4,000.

J. Able, two-st'y dwell., Matteson and Winter Sts.; cost, $3,000.

Jarvis & Conklin, two-st'y dwell., 1508 George St.; cost, $6,000.

Jarvis & Conklin, 2 two-st'y dwells., 1471-1497 Wellington Ave.; cost, $12,000.

A. H. Hill, 3 two-st'y dwells., Center & Selwyn Sts.; cost, $5,000.

Jarvis & Conklin, 2 two-st'y dwells., 1510-1520 George St.; cost, $12,000.

Clinton E. Phelps, five cottages, Aberdeen St.; cost, $6,500.

S. S. Whitehouse, 2 three-st'y dwells., 3965-3967 Ellis Ave.; cost, $10,000.

George Branchman & Son, 2 three-st'y dwell. and barn, 1908-1912 George St.; cost, $13,000.

Joseph Stein, 3 three-st'y dwells., 3631-3635 Forrest Ave.; cost, $20,000.

George Seaverns, six dwells., 5907-5919 Wabash Ave.; cost, $36,000.

Charles L. Wilson, three-st'y dwell., 4576 Oakenwald St.; cost, $6,000.

John Arnold, two st'y dwell., 7516 Brooks St.; cost, $3,000.

Mrs. Julia H. Bird, two-st'y dwell., 4519 Greenwood Ave.; cost, $14,000.

Orland & Rumston, two-st'y dwell., 5518 Carpenter St.; cost, $3,000.

George C. Watts, 3 two-st'y dwells., 4611-4615 Ellis Ave.; cost, $24,000.

Grand Rapids, Mich.—*Bostwick St.*, four brick dwells.; cost, $12,000; owner, Mrs. Sarah L. Boynton; architect, W. G. Robinson.

South Division St., two-st'y brick block; cost, $6,000; owner, John Peck; architect, W. G. Robinson; builders, Hauser & Hayden and W. C. Osbun.

Madison Ave., two-st'y frame dwell.; cost, $5,000; owner, C. L. Harvey; architect, W. G. Robinson; builders, Heftenecamp.

Hyde Park, Vt.—Frame dwell.; cost, $12,000; owner, Gov. C. S. Page; architects, Rand & Taylor, Boston.

Lexington, Mass.—Frame dwell.; cost, abt. $8,000; owner, P. H. Foster; architects, Rand & Taylor, Boston.

Minneapolis, Minn.—R. R. Rand, 1526 Harmon Pl., three-st'y brick veneer dwell.; cost, $25,000.

B. R. Coppage, 1912 Queen Ave., two-st'y frame dwell.; cost, $5,000.

Needham, Mass.—Frame dwell.; cost, $7,000; owner, Mrs. V. K. Windram; architects, Rand & Taylor, Boston.

Newton Centre, Mass.—Frame dwell.; cost, $6,000; owner, E. H. Garrett; architects, Rand & Taylor, Boston.

Frame dwell.; cost, $5,000; owner, Mrs. W. T. Wardwell; builders, C. H. & A. F. Ireland; architects, Rand & Taylor, Boston.

Newton Highlands, Mass.—Frame dwell.; cost, $10,000; owner, S. W. Jones; builders, Garey & English; architects, Rand & Taylor, Boston.

Newton, Mass.—Frame dwell.; cost, $10,000; owner, F. E. Stanley; builder, Mr. Beal; architects, Rand & Taylor, Boston.

New York, N. Y.—*Ninetieth St.*, n e cor. Riverside Drive, dwell. and stable; owner, John H. Matthews; architects, Lamb & Rich.

One Hundred and Sixtieth St., s s, 111′ 4″ e St. Nicholas Ave., 2 three-st'y brick and brownstone dwells.; cost, $30,000; owner, Edward Lewis.

One Hundred and Sixtieth St., s s, 147′ e St. Nicholas Ave., 2 three-st'y brick dwells., tin roofs; cost, $28,000; owner, Edward Lewis, 8 West One Hundred and Thirty-fifth St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Ninety-fourth St., s s, 425′ w Eighth Ave., three-st'y brick dwell., tin roof; cost, $10,000; owner, J. M. Grenell, 672 Columbus Ave.; architect, Charles M. Youngs, One Hundred and Sixty-second St. and Amsterdam Ave.

Seventy-fifth St., s s, 175′ e Amsterdam Ave., 5 four-st'y brick dwells., tin roofs; cost, $80,000; owner, John Seifridge, 258 West Fifty-fifth St.; architect, G. F. Pelham, 1481 Broadway.

Eighty-seventh St., s s, 250′ w Eighth Ave., 5 four-st'y brick dwells., tin roofs; cost, $20,000; owner, James A. Frame, 107 East Seventieth St.; architects, Thom & Wilson, 1267 Broadway.

Eighty-eighth St., s s, 80′ w West End Ave., four-st'y brick dwell., mansard tin and tile roof; cost, $20,000; owner, Anna G. Hunter, 215 East Twelfth St.; architect, Joseph Wolf, 55 Liberty St.

Sixty-eighth St., n s, 97′ 7″ e Boulevard, three-st'y brick dwell., tar and gravel roof; cost, $12,000; owner, James Butler, 4 Harrison St.; architect, John P. Leo, 38 Park Row.

Seventieth St., n s, 100′ w West End Ave., 6 three-st'y brick dwells., tin roofs; cost, $72,000; owners, Card & Van Wagenen, 248 West Seventy-third St. and 36 East Fifty-third St.; architects, Van Campen & Taylor, 1 Union Square.

Eighty-seventh St., 100′ w West End Ave., 6 three-st'y brick dwells., tin roofs; cost, $60,000; owner,

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East Sixty-ninth St., No. 7, four-st'y brick dwell., tin roof; cost, $50,000; owner, Kalmann Haas, 69 East Fifty-sixth St.; architect, John H. Duncan, 21 West Twenty-fourth St.

West Seventy-fifth St., Nos. 49-55, 4 four-st'y brick dwells., tin roofs; cost, $115,000; owner, James T. Hall, 222 West Thirty-third St.; architect, George H. Budlong, 10 West Twenty-third St.

Eighty-eighth St., s s, 80' w West End Ave., four-st'y brick dwell., tin and tile roof; cost, $10,000; owner, Anna G. Hunter, 215 East Twelfth St.; architect, Joseph Wolf, 55 Liberty St.

Seventy-first St., s s, 125' e Columbus Ave., 10 four-st'y brownstone dwells.; cost, $300,000; owners, Terence Farley's Sons; architects, Thom & Wilson.

Philadelphia, Pa.— *Green St.*, s e cor. Johnson St., three-st'y dwell.; contractor, G. Hearst.

Hagerman and Knorr Sts., 8 two-st'y dwells.; contractor, P. E. Costello.

Mehl St., n s, w Germantown Ave., 13 two-st'y dwells.; contractors, Wright & Prendig.

Marston St., e s, n York St., 10 two-st'y dwells.; contractor, John H. Pait.

Orianna St., Nos. 2110-12, 2 two-st'y dwells.; contractor, John O'Neill.

South Twentieth St., No. 115, three-st'y dwell.; contractor, W. R. Dougherty.

Wood St., e s, n Gates St., two-st'y dwell.; contractor, Joseph Winkler.

Washington St., e s, s Foulkrod St., two-st'y dwell.; contractor, Thomas Rush.

Edgemont and Tioga Sts., 2 two-st'y dwells.; contractor, R. A. Balfour.

Merion Ave., s s, w Forty-fifth St., 2 two-st'y dwells.; contractor, Benj. Haven.

Jane St., No. 517, three-st'y dwell.; owner, George Freedman.

Otto St., w s, s Chelten Ave., two-st'y dwell.; owner, E. L. Ferra.

Frankford and Torresdale Aves., 2 two-st'y dwells.; contractor, E. Tyler Swope.

Kater St., n s, bet. Fifteenth and Sixteenth Sts., 4 two-st'y dwells.; contractor, C. O'Neill.

South St., s s, bet. Fifteenth and Sixteenth Sts., 3 three-st'y dwells.; contractor, C. O'Neill.

Nineteenth St., e s, n Ontario St., 6 three-st'y dwells.; contractor, M. McManus.

Somerville, Mass. — *Francisca Ave.*, near Elm St., two frame dwells., one 23' x 31', other 28' x 30'; furnace heat; owner and builder, Joseph Miller.

Rodgers Ave., off Morrison St., three frame dwells., 28' x 31'; furnace heat; owner and builder, Joseph Miller.

Albion St., near Cedar St., frame dwell., 21' x 38'; furnace heat; owner, Solomon S. Higgins; builder, A. A. Smith.

Partridge Ave., cor. Medford St., frame dwell., 24.6' x 55.2'; furnace heat; owner, George W. Hatch; builder, George W. Taylor.

Raymond Ave., from Curtis to North Sts., frame dwell., 24' x 30'; and stable, 20' x 24'; steam and hot water; owner, Mrs. J. A. C. Knapp; builder, Mr. Knights.

Knapp St., near School St., two frame dwells., 27' x 38'; furnace heat; owners, Rosa M. Butler and Fannie S. Hutchins; builder, Elmer N. Hutchins.

Francisca Ave., near Elm St., frame dwell., 24' x 30'; furnace heat; owner and builder, John H. Stevens.

Summer St., near cor. Quincy St., frame dwell., 20' x 27'; owners and builders, W. L. & H. Waugh.

Newton St., double frame dwell., 32' x 37'; owner, Dennis Lyons; builder, C. A. Slager.

Thurston St., near Medford St., frame dwell., 23' x 32'; furnace heat; owner and builder, Algernon Churchill.

Cross St., cor. Runey St., frame dwell., 30' x 40'; steam heat; owner, S. M. Morrill; builder, George M. Starbird.

Trull St., frame dwell., 22' x 28'; owner and builder, A. M. Moore.

Green St., frame dwell., 25.2' x 34.8'; furnace heat; owner, H. W. P. Colson; builder, J. W. Prevost.

Elm St., cor. Williams St., frame dwell., 31' x 42'; furnace heat; owner, Warren C. Nichols; builder, J. E. Herrick.

Gorham St., near Holland St., two frame dwells., 22.6' x 37.6' and 24' x 50'; furnace heat; owner, J. B. Phinney.

Bonair St., frame dwell., 24' x 40'; furnace heat; owner, Thomas R. Roulstone; builder, F. A. Chandler.

Springfield St., cor. Houghton St., frame dwell., 28' x 41'; owner, Daniel Walsh; builder, Edmund J. Cogan.

Harvard St., near Chestnut Court, two frame dwells., 36' x 36'; furnace heat; owners, Miss S. S. and Edward L. Stetson; architect, S. S. Woodcock, Boston.

Rodger Ave., two frame dwells., 28' x 30'; furnace heat; owner and builder, J. Miller.

Hudson St., two frame dwells., 25' x 28'; furnace heat; owners and builders, S. & C. H. Williams.

Knowlton St., frame dwell., 22' x 28'; owner, Arthur Pettingill; builders, S. & C. H. Williams.

Trull St., No. 55, frame dwell., 21' x 24'; owner, Mrs. James A. Getchell.

Winkley St., No. 23, frame dwell.; owner and builder, Malcolm McLeon.

Holland St., near Jay St., frame dwell., 24' x 45'; owner, Frank H. Marshall; builder, S. L. Cummings.

Frame dwell.; cost, $7,000; owner, Hale Mason; architects, Rand & Taylor, Boston.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,500 owner, W. Morris; contractors, E. Mackey & Son.

Two two-st'y brick dwells.; cost, $6,200; owner and contractor, M. Wipler.

Two-st'y brick dwell.; cost, $4,000; owner, Martuss; contractor, J. Flamery.

Two-st'y brick dwell.; cost, $3,500; owner, C. Auring; contractor, A. Boehmer.

Two two-st'y brick dwells.; cost, $7,000; owner, C. B. Smith; contractors, Cook & Casey.

Two-st'y brick dwell.; cost, $5,000; owner, C. A. White; contractor, A. Bauer.

Two-st'y brick dwell.; cost, $4,600; owner, B. Cream; contractor, W. Volk.

Two-st'y brick dwell.; cost, $3,000; owner, W. Nash; contractor, H. Thomson.

Two-st'y brick double dwell.; cost, $4,000; owner, W. McCawley; contractor, E. M. Greggersen.

Two-st'y brick dwell.; cost, $3,900; owner, Aug. Lang; contractor, T. W. Denna.

Two-st'y brick dwell.; cost, $7,000; owner, M. S. Pratt; contractors, Murch Bros.

Two-st'y brick dwell.; cost, $3,500; owner and contractor, Geo. P. Baltzer.

Two-st'y brick dwell.; cost, $2,800; owner, H. F. Finley; contractors, Dunn & Laidee.

Two-st'y brick dwell.; cost, $6,500; owner, E. Ringwald; contractors, Stepline & Petersen.

Two-st'y brick dwell.; cost, $3,000; owner, Mr. Caltetz; contractors, F. Voelpel & Son.

Two-st'y brick dwell.; cost, $4,000; owner, M. Britt; contractors, F. Voelpel & Son.

Two-st'y brick dwell.; cost, $3,500; owner, Mr. Barada; contractors, Smith & Brerehus.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, Fred Booth.

Two-st'y brick dwell.; cost, $2,800; owner, Geo. Steinlein; contractor, Fr. Mueller.

Two-st'y brick dwell.; cost, $6,000; owner, Mrs. D. Schuchman; contractor, A. Wagner.

Two-st'y brick dwell.; cost, $4,200; owner, Maria Luebsen; contractors, Zwiecki & Doerflinger.

Two two-st'y brick double dwell.; cost, $9,600; owner, R. Eger; contractor, C. Bickee.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, F. Taylor.

Three two-st'y brick dwells.; cost, $15,000; owner, J. C. Herman; contractors, Castano & Martini.

Two-st'y brick dwell.; cost, $3,400; owner, Aug. Reinike; contractors, W. Gahl & Co.

Two-st'y brick dwell.; cost, $6,132; owner, W. Goldstein; contractor, C. Hencke.

Two-st'y brick dwell.; cost, $3,800; owner, F. C. Mechine; contractor, J. A. Smith.

Two-st'y brick dwell.; cost, $4,200; owner, A. Schveis; contractors, Thompsen & Mertz.

Two-st'y brick dwell.; cost, $6,500; owner, L. Hammerstein; contractors, A. Uhri & Sons.

Two-st'y brick dwell.; cost, $3,700; owner, O. C. Bauer; contractor, Ellerman.

Two-st'y brick dwell.; cost, $6,050; owner, Hy. Michel; contractor, J. Stauder.

Swampscott, Mass. — Frame dwell. and stable; cost, $15,000; owner, E. W. Rice; architects, Rand & Taylor, Boston.

Waban (Newton), Mass. — Frame dwell.; cost, $6,000; owner, C. V. Campbell; builders, Garey & English; architects, Rand & Taylor, Boston.

West Roxbury, Mass.— Frame dwell.; cost, $8,000; owner, Washington Snelling; architects, Rand & Taylor, Boston.

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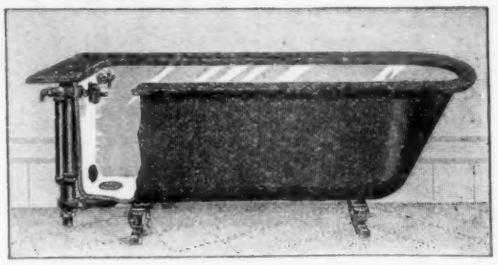

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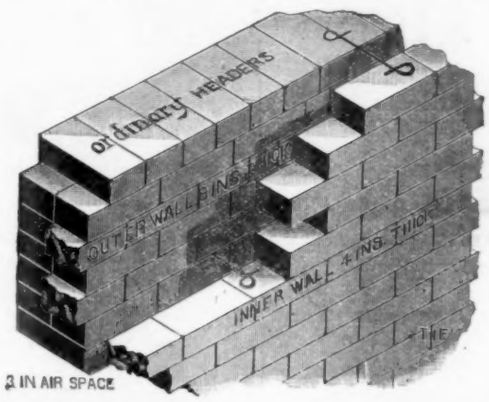

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BUILDING INTELLIGENCE.

Winchester, Mass. — Frame dwell.; cost, $10,000; owner, Chas. E. Redfern; architects, Rand & Taylor, Boston.

Frame dwell.; owner, Eliza Twombly; also double frame dwell.; owner, Henry F. Stone; architects of both, Rand & Taylor, Boston.

Worcester, Mass. — *Perry Ave.*, three-st'y frame dwell.; owner, C. Brennan; contractor, L. M. Peterson.

Catherine St., three-st'y frame dwell.; owner, C. Lundberg; contractor, L. M. Peterson.

Bleeker St., one-st'y frame dwell.; owner, W. E. Streeter; contractor, D. M. Waterman.

Leicester St., two-st'y frame dwell.; owner, Mrs. A. B. E. Smith; contractor, D. M. Waterman; architect, W. H. Harvey.

OFFICE-BUILDINGS.

Chicago, Ill. — The Chicago Real Estate Trust Co., thirteen-st'y office-building, 34-36 Washington St.; cost, $300,000.

New York, N. Y. — *Front St.*, e s, from Pine St. to Depeyster St., seven-st'y brick office-building, tin roof; cost, $70,000; owner, Banks Wells Montgomery, 111 Wall St.; architect, R. W. Gibson, 18 Wall St.

BUILDING INTELLIGENCE.

Front St., Nos. 133-137, seven-st'y brick and terra-cotta office-building; cost, $100,000; owners, H. W. Banks & Co.; architect, R. W. Gibson.

Philadelphia, Pa. — *Filbert St., No.* 1217, six-st'y office-building; contractor, Joseph Bird.

PUBLIC-BUILDINGS.

Rochester, Mass. — Frame building, for town-hall and library; the gift of Mrs. Leonard of New Bedford; cost, abt. $6,000; builder, Angus McDonald; architect, J. Merrill Brown, Boston.

Taunton, Mass. — *Main St.*, Bristol County bank building, three stories; freestone front; first story to be occupied by the bank, second story for offices, and third for hall; cost, about $25,000; contract to be let; architect, J. Merrill Brown, Boston.

SCHOOL-HOUSES.

Athol, Mass.—Brick and stone high school-building, two-and-one-half-stories; seven rooms; contract to be let; architects, Loring & Phipps, Boston.

Chicago, Ill.—City of Chicago, four-st'y school-house, 3401-3429 Yorktown St.; cost, $75,010.

Grand Rapids, Mich.—*Turner St.*, three-st'y brick school-house, cut stone trimmings; cost, $15,000; owners, St. Mary's Church congregation; architect, S. J. Osgood; builders, Hosken & Maunder and John Jungbacker.

Minneapolis, Minn. — Dominican Fathers, Eighteenth Ave., s, near Twenty-fifth St., three-st'y brick and stone school-house; cost, $35,000.

Woburn, Mass.—Four-room brick schoolhouse; cost, abt. $16,000; contract to be let; architect, J. Merrill Brown, Boston.

STABLES.

New York, N. Y. — *Marion St., No.* 37, three-st'y brick stable, tin roof; cost, $6,000; owner, John G. Wendel, Irvington; architect, W. W. Howe, 176 Broadway.

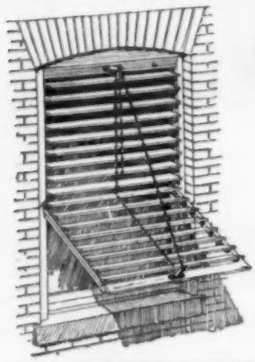
Monroe St., No. 47, five-st'y brick stable, tin roof; cost, $18,000; owner, Henry Evers, 49 Monroe St.; architect, J. Kastner, 744 Broadway.

Philadelphia, Pa.—*Seminole St.*, n e cor. Hartwell St., one-st'y barn; owner, John Ferguson.

Ludlow St., No. 3139, two-st'y stable; contractors, Jos. Miller & Bro.

Seventh St., w s, s Oak Lane, two-st'y stable; contractor, L. B. Kraft.

Wood and Eighty-first St., one-st'y stable and shop; contractor, Patrick Riley.



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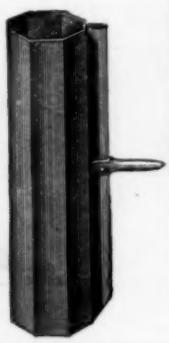

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Fiftieth and Florence Sts., two-st'y stable; contractors, A. J. Mosby & Son.

Vocumb St., e Forty-ninth St., two-st'y stable; contractors, A. J. Mosby & Son.

Ridge and Shawmut Aves., one-st'y stable; owner, J. R. McFadden.

Charlotte St., No. 836, stable; owner, M. G. Hoot.

Cotton St., w Terrace St., two-st'y stable; owner, Joseph Hobson.

Fourth St., No. 926, two-st'y stable; owner, A. Oventurf.

Cambridge St., n s, w Margaretta St., two-st'y stable; contractor, Thomas Rush.

F Avenue, s Eightieth St., two-st'y stable; owner, Mrs. Bernard.

Ann St., Roxborough, two-st'y stable; owner, J. C. Craighead.

Arch St., No. 1829, *rear*, two-st'y stable; owner T. G. Dunealfe.

Somerville, Mass. — *Highland Ave.*, frame stable, 21' x 44'; old colonial style; owner, George H. Derby; architects, Loring & Phipps, Boston.

Columbus Ave., opposite Bonner Ave., frame stable, 18' x 24'; owner, Robert J. Rutherford; George D. B. Robinson.

Berkeley St., No. 69, frame stable, 20' x 24'; owner, Isaac Sexton; builder, Mr. Rich.

Leland St., frame stable, 54' x 166'; owner, Fresh Pond Ice Co.; builder, Mark Leighton.

Fulton St., No. 84, frame stable, 25' x 30'; owner, Bernard W. Lawrence; builders, J. P. Jackson & Co. of Medford.

Vernon St., No. 64, *rear*, frame stable, 20' x 26'; owner, Paul Kelley; builder, Peter L. Leroux.

Somerville Ave., No. 117, frame stable, 18' x 40'; owner, Henry McAvoy; builder, Mr. Connell.

STORES.

Brooklyn, N. Y. — *Thatford Ave.*, e s, 125' s Glenmore Ave., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, Jacob Faber, 30 Willett St., New York; architect, H. Horenburger, 99 East Third St., New York.

Verona St., n s, 115' w Dwight St., one-st'y brick store, tin roof; cost, $3,500; owner, Chesebrough Mfg. Co., on premises; architect, E. G. Brown, 216 Eleventh St.

Gates Ave., s s, bet. Evergreen and Central Aves., three-st'y frame store and dwell., tin roof; cost, $5,600; owner, F. Bertram, 1238 Gates Ave.; architect, Ernest Dennis, 115 Himrod St.

Thatford Ave., s e cor. Glenmore Ave., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, S. Rosenbaum, 67 Willett St., New York; architect, H. Horenburger, 99 East Third St., New York.

Bergen St., s w cor. Vanderbilt Ave., four-st'y brick store and dwell., tin roof; cost, $8,000; owner, Daniel O'Connell, 596 Dean St.; architect, Timothy Remson.

BUILDING INTELLIGENCE.

Hart St., s s, 225' e Hamburgh Ave., 4 three-st'y frame stores and dwells., tin roofs; cost, $20,000; owner, Jacob Schneider, Stagg St.; architects, D. Acker & Son, 752 Broadway.

Fulton Ave., s s, 200' e Rockaway Ave., 5 four-st'y brick stores and flats, tin roofs; cost, $10,000 each; owner, Thomas McDonald, 1495 Bergen St.; architect, M. F. Walsh, 371 Fulton St.

Fulton St., n e cor. Nostrand Ave., five-st'y brick store and dwell., gravel roof; cost, $25,000; owners, C. A. & E. S. Betts, 1239 Bedford Ave.; architects, Langston & Dahlander, 1239 Bedford Ave.

Conover St., s w cor. Van Dyke St., four-st'y frame store and dwell., tin roof; cost, $6,200; owner, Mrs. Ellen Manning, 238 Conover St.; architect, J. W. Bailey, 66 Court St.

Flatbush Ave., s s, and *Livingston St.*, s s, near junction of the two, four-st'y brick store, gravel roof; cost, $100,000; owner, Jesse C. Woodhall, 198 Berkley Pl.; architect and builder, C. B. Fish, 294 Eighth St.

Broadway, n w cor. Putnam Ave., four-st'y brick store and office-building, tin roof; cost, $12,000; owners, architects and builders, Moores & LeQuesne, 1460 Broadway.

Eastern Parkway, s s, 25' e Thatford Ave., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, Baruch Seermann, Thatford Ave., near Belmont Ave.; architect, Danmar & Fischer, 2921 Atlantic Ave.

Chicago, Ill. — J. L. Curtis, four-st'y store and flats, 495 South Clark St.; cost, $9,700.

Albert Kuhn, three-st'y store and flats, 516 Clybourn Ave.; cost, $3,500.

B. Delemony, two-st'y store and flats, Seventy-sixth St. and Jefferson Ave.; cost, $4,000.

Henry W. C. Mueller, four-st'y store and flats, 4477 Chicago Ave.; cost, $6,000.

Armour & Co., two-st'y store, Ninety-second St. and Erie Ave.; cost, $10,000.

W. H. Smithy, three-st'y store and flats, Commercial Ave. and Ninetieth St.; cost, $7,000.

O. C. McGovern, three-st'y store and flats, 1259 Van Buren St.; cost, $5,000.

H. Tewes, three-st'y store and flats, 251 Twenty-sixth St.; cost, $3,500.

John Koster, four-st'y store and flats, 50 Ingsohm St.; cost, $6,000.

George J. Cronenberger, 4 three-st'y stores and offices, 430-438 Sixty-third St.; cost, $28,000.

John C. Barkman, 2 four-st'y stores and flats, 5218-5220 Lake Ave.; cost, $14,000.

Richard W. Reidy, three-st'y store and flats, 368-370 Thirty-first St.; cost, $25,000.

Fred Willies, store and dwell., 1409 West Twenty-second St.; cost, $3,000.

George Vandersyke, 2 two-st'y stores and flats, Michigan Ave. and One Hundred and Tenth St.; cost, $7,000.

BUILDING INTELLIGENCE.

Fred Volke, three-st'y store and flat, 5546 Lake Ave.; cost, $3,500.

W. G. Bleitch, two-st'y store and dwell., 1216 Belmont Ave.; cost, $3,500.

H. G. Loomis, 2 four-st'y stores and flats, 454-456 Forty-first St.; cost, $8,500.

Dr. Edward J. Fisher, three-st'y store and flats, 2250 Ashland Ave.; cost, $3,600.

H. D. Hollister, four-st'y store and flats, 4313 Cottage Grove Ave.; cost, $9,000.

E. G. Uihlein, 2 four-st'y stores and flats, 412-414 Division St.; cost, $38,000.

William Seymour, four-st'y store, flats and stable; 357-361 Bush St.; cost, $50,000.

J. H. Hall, 2 three-st'y stores and flats, 481-483 Evanston Ave.; cost, $20,000.

The Chicago Natatorium, 2 two-st'y stores, hall and natatorium, 888-890 Milwaukee Ave.; cost, $40,000.

Michael Cahill, four-st'y store and flats, 368 Fullerton Ave.; cost, $11,000.

Minneapolis, Minn. — Davis & Farnham, 1409-1411 Twentieth Ave., n, two-st'y double brick veneer store; cost, $4,500.

Knoblauck Bros., 12 First St., n, three-st'y brick store; cost, $10,000.

New York, N. Y. — *Gold St., No.* 10, six-st'y brick store, tin roof; cost, $34,000; owner, James B. Colgate, 36 Wall St.; architect, Edwin A. Quick & Son, Yonkers, N. Y.

Wooster St., Nos. 167-173, 2 six-st'y brick store, tin roof; cost, $70,000; owners, Havens & Winters, 399 Manhattan Ave.; architect, Ralph S. Townsend, 1300 Broadway.

Thirteenth Ave., n e cor. Eleventh St., two-st'y brick store, tin roof; cost, $40,000; owner, E. M. Van Tassel, Windsor Hotel; architect, Philip H. Gill, Brooklyn, N. Y.

Fulton St., No. 127, *Ann St., No.* 42, eight-st'y brick store, mansard and concete roof; cost, $60,000; owners, Dutch Reformed Church Association; lessee, Wm. Keuffel, Hoboken, New Jersey; architect, De Lemos & Cordes, 146 Broadway.

East Sixteenth St., Nos. 5 and 7, eight-st'y brick store, asphalt roof; cost, $120,000; owner, Mary A. Lyddy, 330 Fifth Ave.; architect, Alfred Zucker, Union Square.

West Houston St., Nos. 28-30, six-st'y brick store, tin roof; cost, $75,000; owner, Ferdinand H. Mela, 529 Broadway; architects, Cleverdon & Putzell, 529 Broadway.

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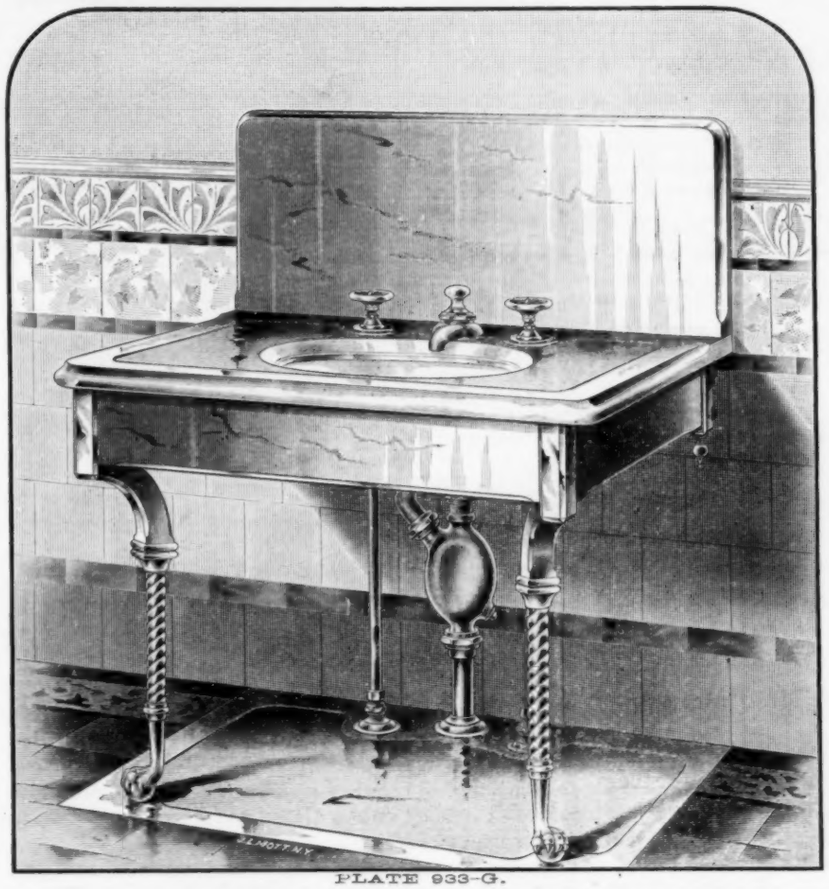

PLATE 933-G.

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COMPRISING: Marble Slab, Back, Front and Side Pieces, with Patent Brass Legs, Oval Basin, the "Primus" Combination Supply and Waste, Brass Supply Pipe to floor, and the "Elliptic" Trap with Pipe to floor.

All the Brass Work furnished either Nickel-plated, Silver-plated or Polished.

The Marble Slab shown is 33 x 24 inches, with 12-inch Back and 5-inch Front, and Side Pieces; other sizes furnished to order.

The Oval Basin may be Marbleized or Ivory-tinted, or Decorated in any of the designs illustrated in our Catalogue G.

BUILDING INTELLIGENCE.

East One Hundred and Twenty-fifth St., No. 26, three-st'y brick, iron, stone and terra-cotta store; cost, $30,000; owner, I. Lewkowitz; architect, Richard Berger.

Philadelphia, Pa. — *Market St., No.* 925, five-st'y store; contractor, T. H. Doan.

Rumford, R. I. — Two-st'y frame store and grain building; owner, Messrs. Britton Bros.; contractor, Edward H. Horton.

Somerville, Mass. — *Washington St.*, cor. Stone Ave., brick stores, offices and hall; four stories; flat roof, 60′ x 100′; steam heat; owner, Jonathan Stone, builder, Alfred H. Hines.

TENEMENT-HOUSES.

Minneapolis, Minn. — M. A. Jones, 2826-32 Third Ave., s, two-st'y brick tenement; cost, $25,000.

New York, N. Y. — *Eighty-eighth St.*, s s, 125′ e Avenue A, *and Eighty-seventh St.*, n s, 125′ w Avenue B, 16 five-st'y brick and stone tenements; cost, $250,000; owners, Moore & McLaughlin; architects, Thom & Wilson.

Eleventh St., s s, 236′ 4″ e Second Ave., five-st'y buff brick tenement and stores; cost, $40,000; owner, John O'Connor; architect, John Hauser.

One Hundred and Sixty-first St., n s, 100′ e Eagle Ave., five-st'y brick tenement, tin roof; cost, $9,000; owner, P. J. Owens, 887 Trinity Ave.; architect, J. H. Valentine, 269 West One Hundred and Sixteenth St.

WAREHOUSES.

Chicago, Ill. — Fred G. Walker, 4 three-st'y warehouses, 340-344 Wabash Ave.; cost, $20,000.

MISCELLANEOUS.

Baltimore, Md. — L. C. Zirckel & Bro. will build a three-st'y brick storehouse, s s Canton Ave., bet. Wolfe and Durham Sts.

Brattleboro, Vt. — Brick and stone asylum; cost, $40,000; architects, Rand & Taylor, Boston.

Chicago, Ill. — T. Wilce & Co., one-st'y warehouse shed, Allport Ave. and Twenty-second St.; cost, $5,000.

J. W. Beach, one-st'y power-house, Halsted and One Hundredth Sts.; cost, $3,000.

New York, N. Y. — *One Hundred and Second St.*, s s, 100′ e First Ave., 2 one-st'y frame and iron market buildings; cost, $18,000; owner, Harlem Market Co. Limited, 111 East Fourteenth St.; architect, William Graul, 215 Bowery.

First Ave., e s One Hundred and Second and One Hundred and Third Sts., frame and iron market building; gravel roof; cost, $16,000; owner, Harlem Market Co. Limited, 111 East Fourteenth St.; architect, William Graul, 215 Bowery.

Sixty-seventh St., s s, 68′ e Boulevard, five-st'y brick club-house, tile and slate roof; cost, $40,000; owner, James Pinchot, 2 Gramarcy Park; architect, McKim, Meade & White, 1 West Twentieth St.

BUILDING INTELLIGENCE.

Philadelphia, Pa. — *Fawn and Moss Sts.*, two-st'y shop; owner, A. Casley.

Mt. Pleasant Ave., n s, w Cresheim St., two-st'y store house; contractor, J. W. Kennedy.

Frankford Ave., w s, n Westmoreland St., two-st'y storage house; contractor, Charles Auchter.

Parrish St., s s, w Twenty-ninth St., grain storage house; contractors, Kister & Orem.

Main St., s Harris St., three-st'y hall; contractor F. J. Amweg.

Pennsylvania Ave., above Twentieth St., two-st'y frame office; owners, Philadelphia and Reading Railroad Co.

Twenty-third St., e s, n Turner St., one-st'y storehouse; contractor, John Brawn.

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Chestnut and Thirty-first Sts., 4 corroding houses; builder, Lewis Horens.

Noble St., s s, e Second St., four-st'y packing-house; contractor, James Hood.

Thirtieth St., w s, n Arch St., storage house; owners, Pennsylvania Railroad Co.

Beach St., e s, n Palmer St., two-st'y machine shop; owners, Charles Hillman & Co.

Filbert St., s s, w Thirteenth St., seven-st'y printing house; owners, Dunlap & Clarke.

Sergeant St., No. 1018, three-st'y shop; contractor, James Turner.

Snyder Ave., w Second St., two-st'y storage house; owner and builder, J. J. Cassidy.

Holman St., e s, s Adams St., five-st'y brewery; contractor, Chas. Auchter.

Fifteenth St., e s, n Susquehanna Ave., office and shed; contractor, Chas. Auchter.

Walnut Lane, s s, w Green St., seminary; contractor, J. D. Caldwell.

PROPOSALS.

June 17, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of July, 1891, for all the labor and materials required for furnishing and putting in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office and Custom-house building at Vicksburg, Miss., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Vicksburg, Miss. Each bid must be accompanied by a certified check for $200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office and Custom-house building at Vicksburg, Miss.," and addressed to W. J. EDBROOKE, Supervising Architect. 810

June 18, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 14th day of July, 1891, for all the labor and materials required for the excavation, concrete foundations, stone and brick masonry, iron-work of floors, roof, roof-covering, brick and terra-cotta work, iron stairs, drain-pipes, approaches, etc., for the United States Court-house, Custom-house and Post-office building at Duluth, Minn., in strict accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Duluth, Minn. Each bid must be accompanied by a certified check for $500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Stone and Brick Work, Iron-work, etc., for the United States Court-house, Custom-house and Post-office building at Duluth, Minn.," and addressed to W. J. EDBROOKE, Supervising Architect. 810

June 16, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of July, 1891, for all the labor and materials required to put in place complete the iron floor, ceiling and roof construction, copper-work, etc., for the United States Post-office, Court-house, etc., building at Charleston, S. C., in accordance with drawings and specifications, copies of which may be had at this office or the office of the Superintendent at Charleston, S. C. Each bid must be accompanied by a certified check for $300. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposals for the Iron Floor, Ceiling and Roof Construction, Copper-work, etc., for the United States Post-office, Court-house, etc., building at Charleston, S. C.," and addressed to W. J. EDBROOKE, Supervising Architect. 809

Proposals for Terra-cotta. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., June 9, 1891. Sealed proposals for furnishing and delivering the hollow brick or terra-cotta floor-blocks and iron girder protection required for the second-story floor of the Building for Library of Congress, in this city, will be received until 2 o'clock P. M. on Monday, the 29th day of June, 1891, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be had on application to this office. BERNARD R. GREEN, Superintendent and Engineer. 809

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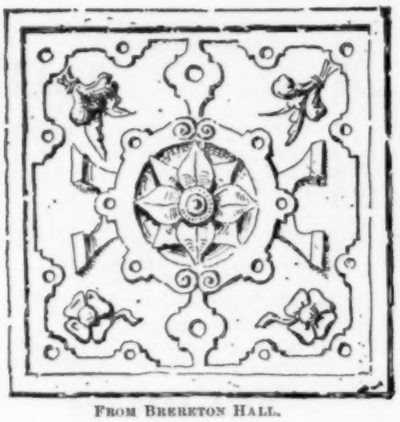

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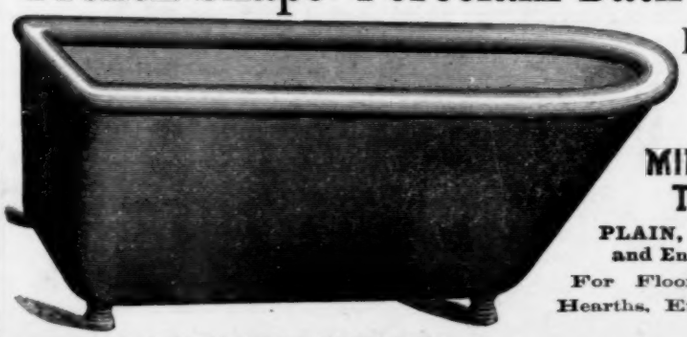

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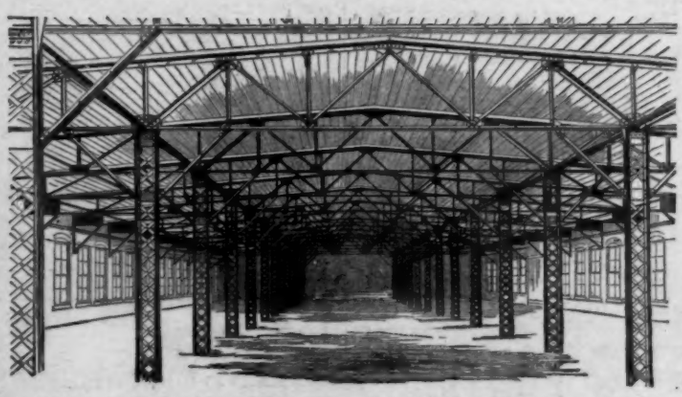

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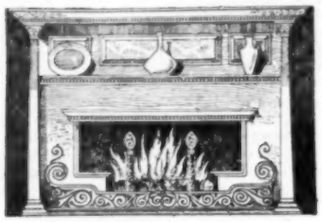

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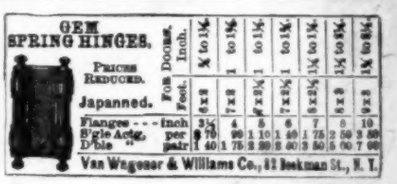

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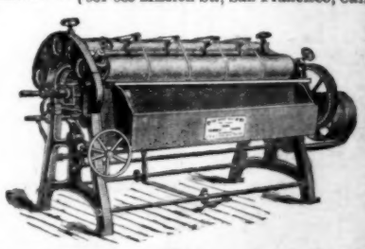

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